

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114793.D
 Acq On : 4 Jun 2019 15:33
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 6/5/2019 3:40:45 PM

Quant Time: Jun 04 16:54:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 14:52:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	371420	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1514772	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	734923	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1391756	20.00	ng	0.00
76) Chrysene-d12	13.80	240	661295	20.00	ng	0.00
87) Perylene-d12	15.18	264	994519	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	3187891	153.65	ng	0.00
7) Phenol-d6	6.32	99	3767126	149.33	ng	0.01
23) Nitrobenzene-d5	7.25	82	3726913	154.81	ng	0.01
42) 2,4,6-Tribromophenol	10.49	330	1193856	154.97	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	5676114	137.25	ng	0.00
79) Terphenyl-d14	12.76	244	5225001	156.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	804672	81.316	ng	99
3) Pyridine	2.96	79	2265729	83.191	ng	99
4) n-Nitrosodimethylamine	2.93	42	836872	84.271	ng	94
6) Aniline	6.34	93	2729466	76.410	ng	99
8) 2-Chlorophenol	6.46	128	1844370	77.263	ng	97
9) Benzaldehyde	6.21	77	1269081	72.092	ng	97
10) Phenol	6.33	94	2169692	75.324	ng	99
11) bis(2-Chloroethyl)ether	6.42	93	1754132	77.915	ng	98
12) 1,3-Dichlorobenzene	6.61	146	2137231	76.574	ng	97
13) 1,4-Dichlorobenzene	6.69	146	2122927	75.604	ng	97
14) 1,2-Dichlorobenzene	6.85	146	1841266	72.541	ng	97
15) Benzyl Alcohol	6.82	79	1430082	75.150	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2499637	77.575	ng	98
17) 2-Methylphenol	6.93	107	1640974	80.343	ng	98
18) Hexachloroethane	7.19	117	832127	78.766	ng	97
19) n-Nitroso-di-n-propylamine	7.11	70	1330962	79.822	ng	98
20) 3+4-Methylphenols	7.10	107	1649299	73.212	ng	# 86
22) Acetophenone	7.09	105	2454584	75.195	ng	98
24) Nitrobenzene	7.26	77	1966589	79.085	ng	93
25) Isophorone	7.50	82	3773582	79.337	ng	100
26) 2-Nitrophenol	7.57	139	1095854	81.271	ng	91
27) 2,4-Dimethylphenol	7.62	122	1601290	78.001	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	2343352	76.919	ng	98
29) 2,4-Dichlorophenol	7.82	162	1686334	77.940	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	1882359	75.761	ng	100
31) Naphthalene	7.97	128	4749606	71.167	ng	95
32) Benzoic acid	7.79	122	1386145	93.816	ng	99
33) 4-Chloroaniline	8.03	127	2432972	76.625	ng	99
34) Hexachlorobutadiene	8.10	225	1060396	75.099	ng	99
35) Caprolactam	8.43	113	563801m	81.478	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1691114	78.863	ng	98
37) 2-Methylnaphthalene	8.66	142	3364882	72.543	ng	98
38) 1-Methylnaphthalene	8.76	142	3203838	73.077	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1529261	73.661	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	991466	78.646	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	1287719	79.520	nq	99
44) 2,4,5-Trichlorophenol	8.98	196	1290373	80.166	nq	98
46) 1,1'-Biphenyl	9.13	154	3767799	70.380	nq	97
47) 2-Chloronaphthalene	9.15	162	3342684	73.892	nq	96
48) 2-Nitroaniline	9.25	65	1086776	80.688	nq	99
49) Acenaphthylene	9.57	152	4636317	70.784	nq	97
50) Dimethylphthalate	9.45	163	3963589	75.644	nq	98
51) 2,6-Dinitrotoluene	9.49	165	988250	80.454	nq	92
52) Acenaphthene	9.74	154	3205099	74.546	nq	99
53) 3-Nitroaniline	9.66	138	1154101	80.461	nq	98
54) 2,4-Dinitrophenol	9.76	184	516368	93.233	nq	93
55) Dibenzofuran	9.91	168	3992469	69.661	nq	94
56) 4-Nitrophenol	9.82	139	868475	82.991	nq	92
57) 2,4-Dinitrotoluene	9.89	165	1237425	79.794	nq	# 87
58) Fluorene	10.25	166	2820456	68.660	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	1041334	78.829	nq	98
60) Diethylphthalate	10.13	149	3991410	75.997	nq	98
62) 4-Nitroaniline	10.27	138	1132169	81.448	nq	99
63) Azobenzene	10.40	77	3281949	73.149	nq	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	615698	87.296	nq	97
66) n-Nitrosodiphenylamine	10.36	169	3077055	74.706	nq	98
67) 4-Bromophenyl-phenylether	10.73	248	1163671	75.083	nq	99
68) Hexachlorobenzene	10.80	284	1273675	75.185	nq	100
69) Atrazine	10.89	200	1061520	73.950	nq	98
70) Pentachlorophenol	10.98	266	795334	81.266	nq	99
71) Phenanthrene	11.20	178	4564104	70.244	nq	97
72) Anthracene	11.25	178	4585279	69.575	nq	97
73) Carbazole	11.40	167	4183468	71.164	nq	97
74) Di-n-butylphthalate	11.75	149	5034811	68.007	nq	98
75) Fluoranthene	12.38	202	4587332	70.388	nq	96
77) Benzidine	12.50	184	2492995	77.261	nq	# 94
78) Pyrene	12.60	202	4632830	82.959	nq	97
80) Butylbenzylphthalate	13.23	149	2445802	86.824	nq	99
81) Benzo(a)anthracene	13.79	228	4128876	83.077	nq	98
82) 3,3'-Dichlorobenzidine	13.76	252	1700564	84.570	nq	98
83) Chrysene	13.83	228	4030687	83.767	nq	96
84) Bis(2-ethylhexyl)phthalate	13.80	149	2964320	83.438	nq	98
85) Di-n-octyl phthalate	14.42	149	5036593	83.120	nq	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	5148348	94.388	nq	100
88) Benzo(b)fluoranthene	14.80	252	5033077	82.275	nq	99
89) Benzo(k)fluoranthene	14.83	252	3338571	65.505	nq	98
90) Benzo(a)pyrene	15.14	252	4108696	76.697	nq	98
91) Dibenzo(a,h)anthracene	16.53	278	3996485	79.291	nq	100
92) Benzo(g,h,i)perylene	16.91	276	4201093	83.296	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

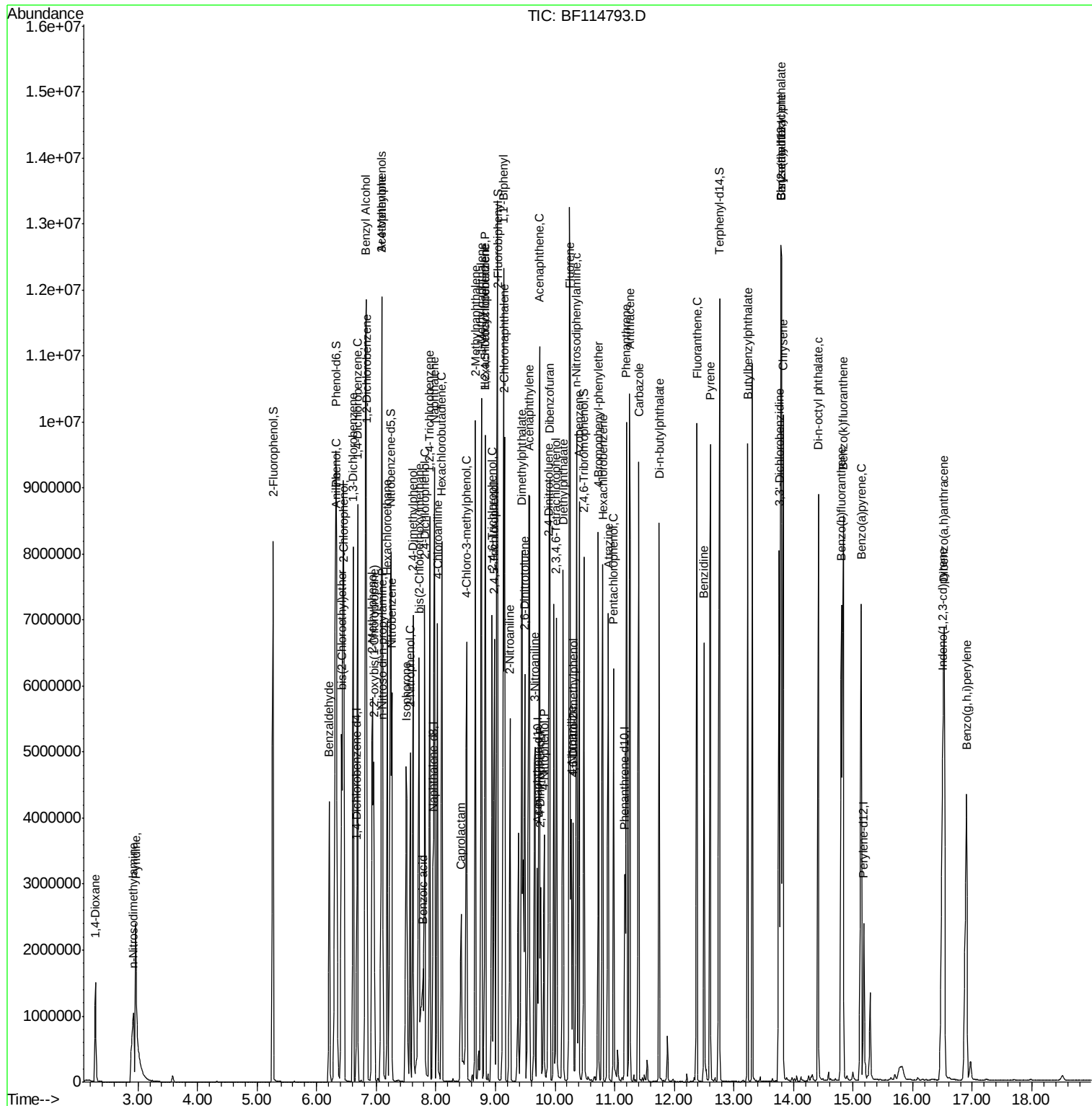
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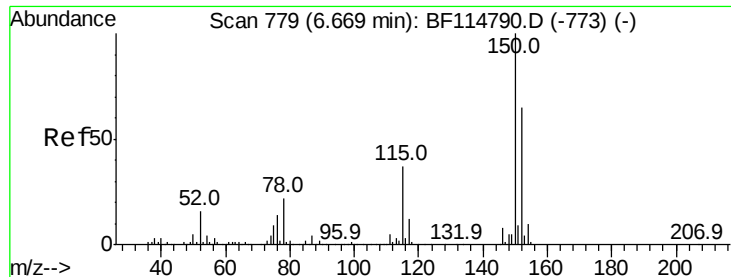
Instrument :
 BNA_F
 Client Sample ID :
 SSTDICC080

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#1

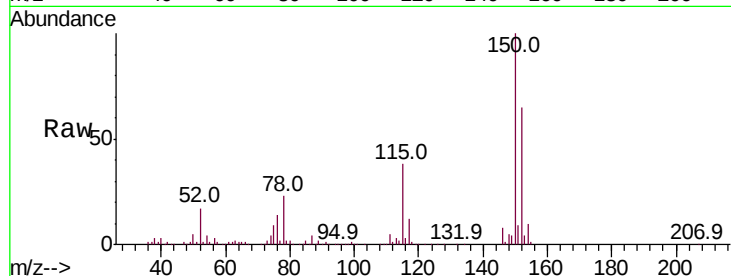
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.0	186.0
115	59.0	46.3	69.5

Manual Integrations
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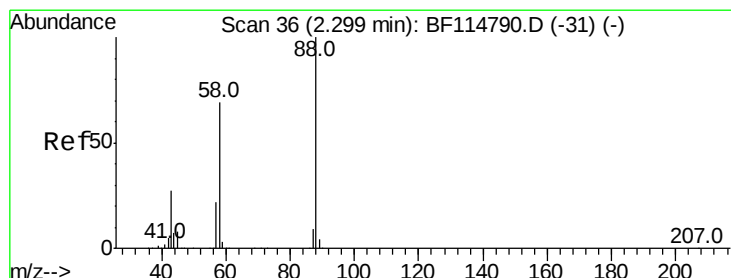
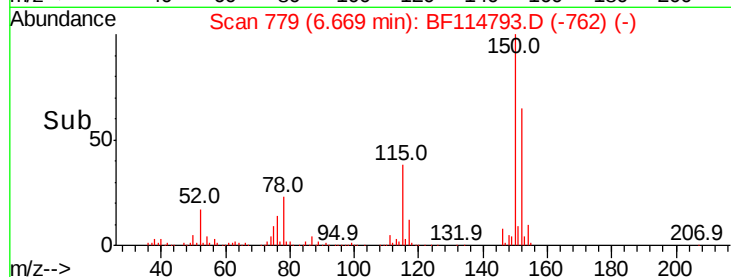
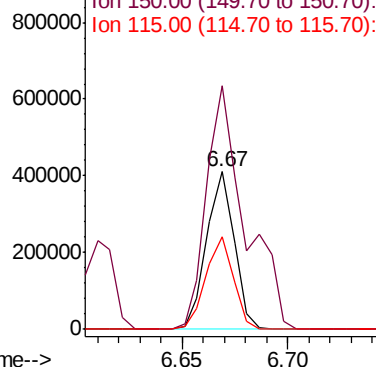


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 81.316 ng
RT: 2.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

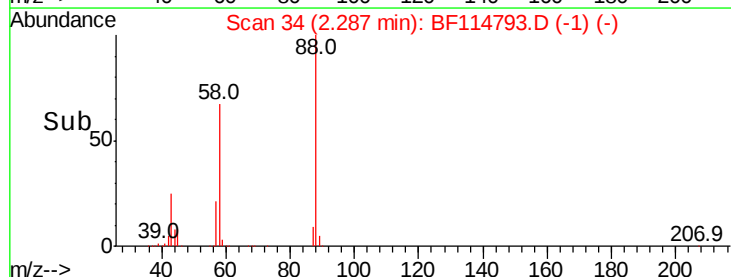
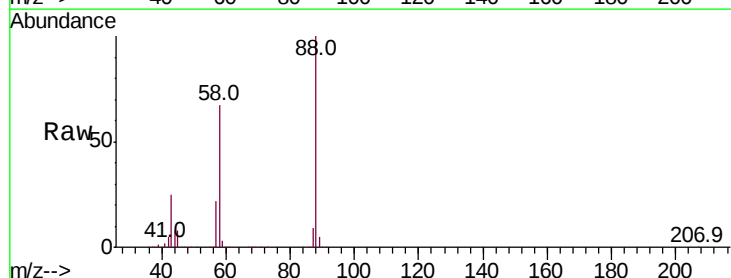
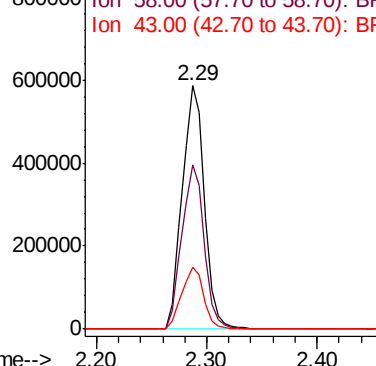
Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	53.8	80.8
43	25.1	20.7	31.1

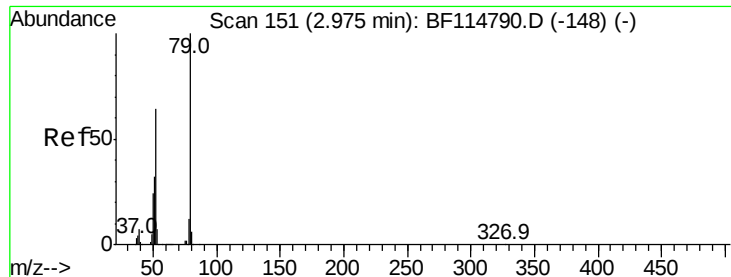
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 83.191 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 2265729

Ion Ratio Lower Upper

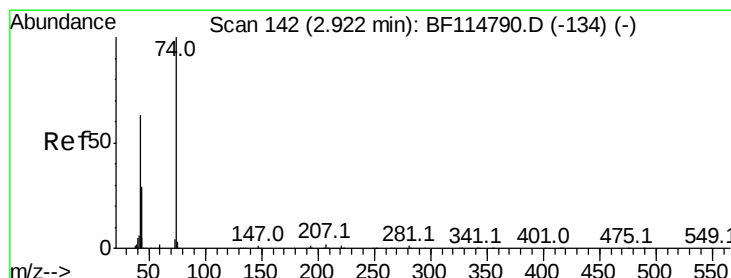
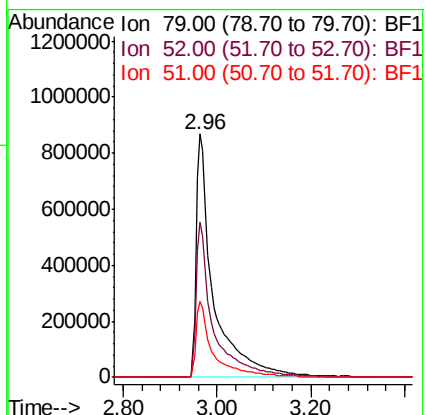
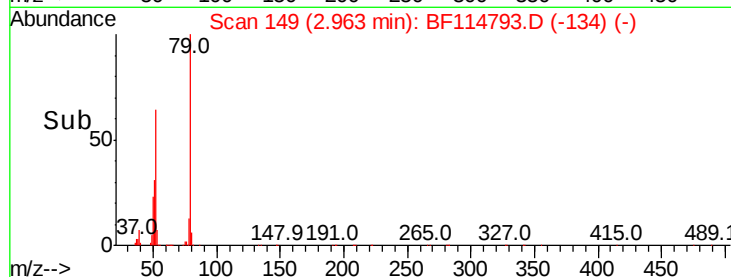
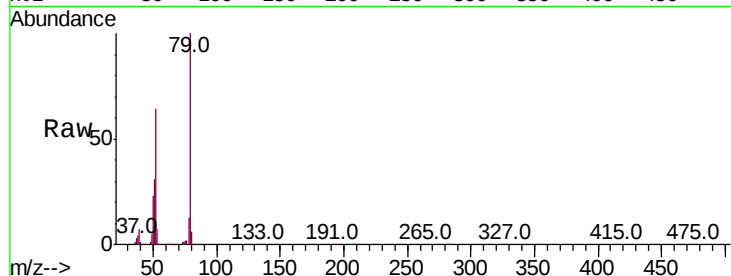
79 100

52 63.8 51.0 76.4

51 31.2 25.7 38.5

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#4

n-Nitrosodimethylamine

Concen: 84.271 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

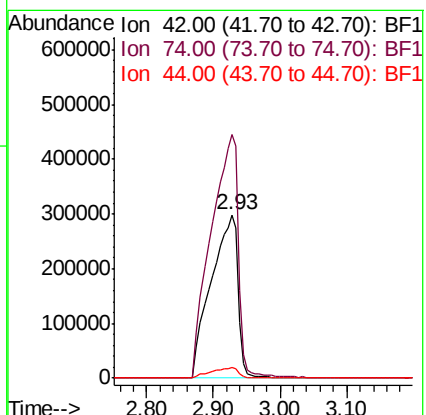
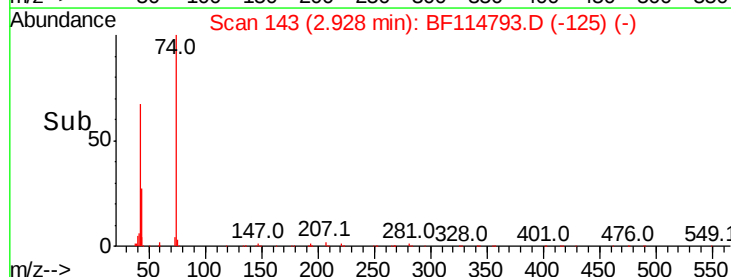
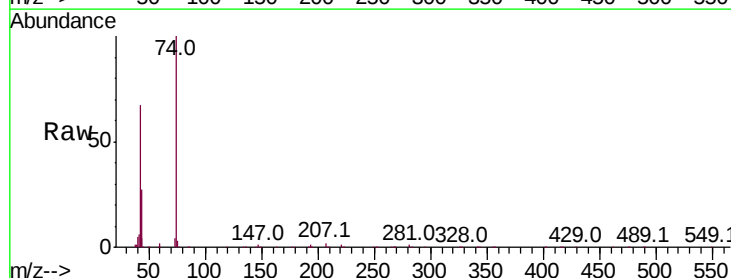
Tgt Ion: 42 Resp: 836872

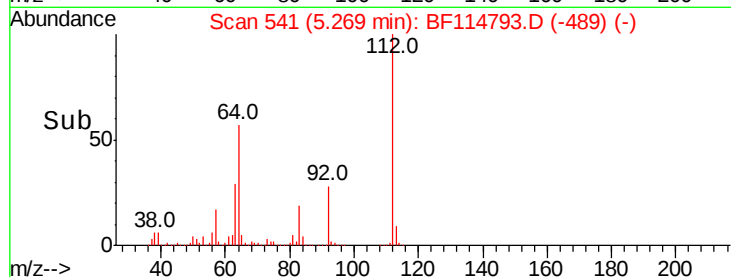
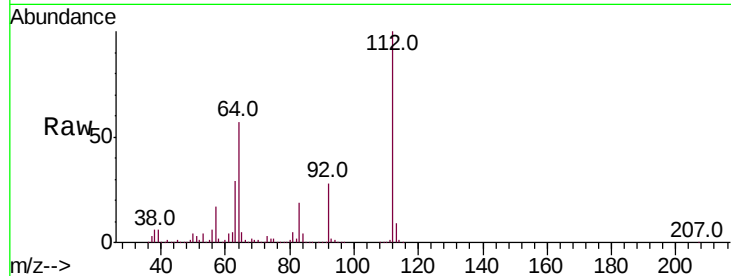
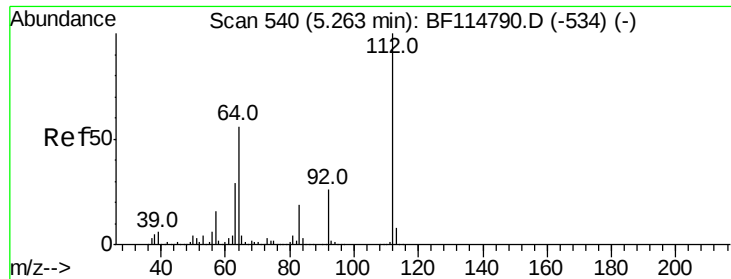
Ion Ratio Lower Upper

42 100

74 149.3 126.2 189.2

44 6.3 5.9 8.9





#5

2-Fluorophenol

Concen: 153.653 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tot Ion: 112 Resp: 3187891

Ion Ratio Lower Upper

112 100

64 56.9 44.6 66.8

63 29.3 23.0 34.4

Instrument :

BNA_F

ClientSampleId :

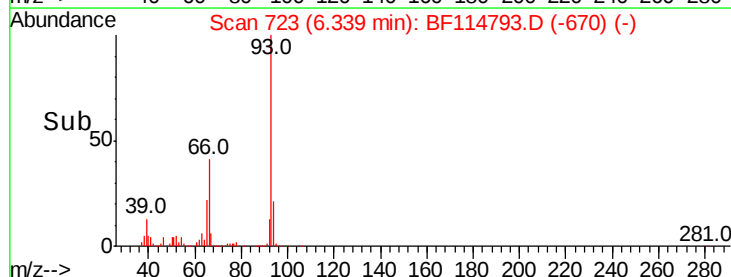
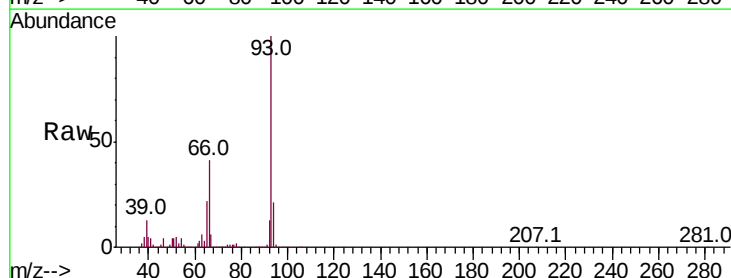
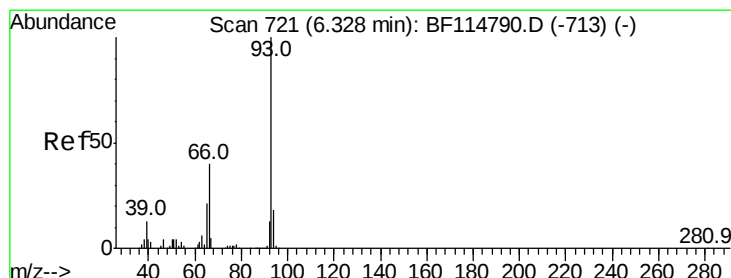
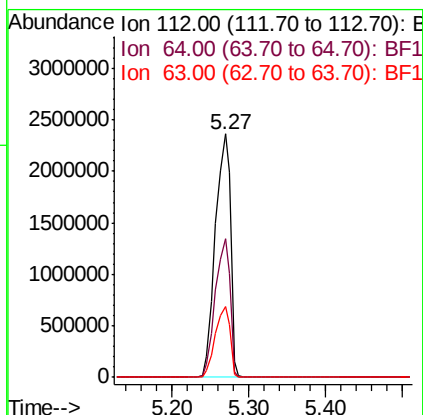
SSTDIC080

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#6

Aniline

Concen: 76.410 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

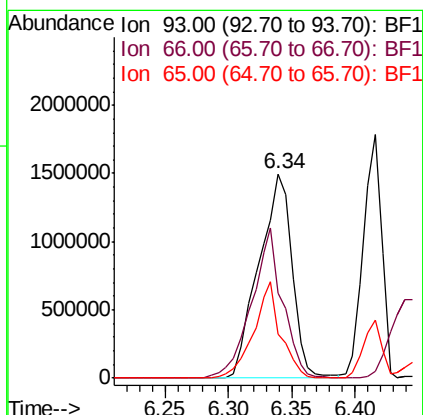
Tgt Ion: 93 Resp: 2729466

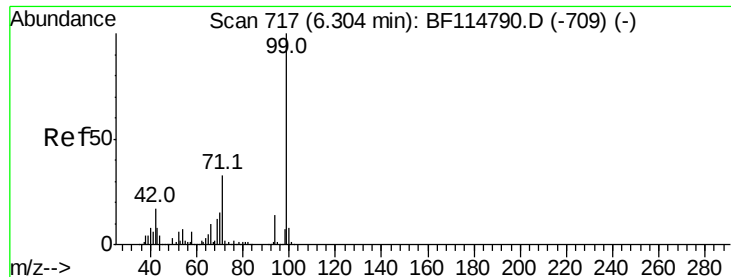
Ion Ratio Lower Upper

93 100

66 41.3 32.8 49.2

65 21.6 16.9 25.3





#7

Phenol-d6

Concen: 149.335 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 3767126

Ion Ratio Lower Upper

99 100

42 18.3 13.3 19.9

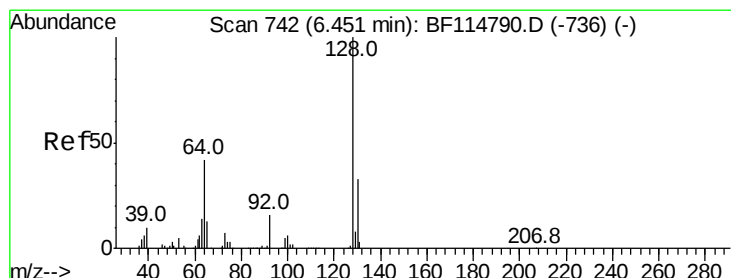
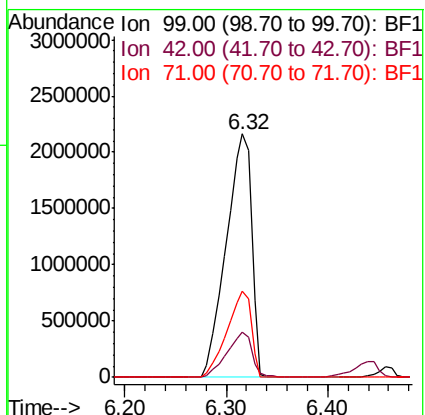
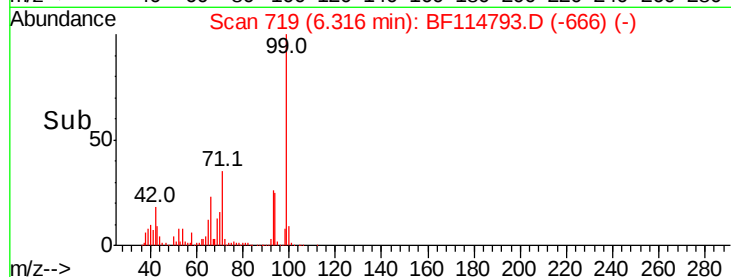
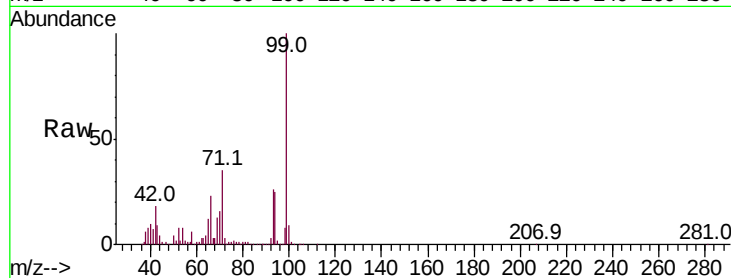
71 35.4 26.3 39.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 77.263 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

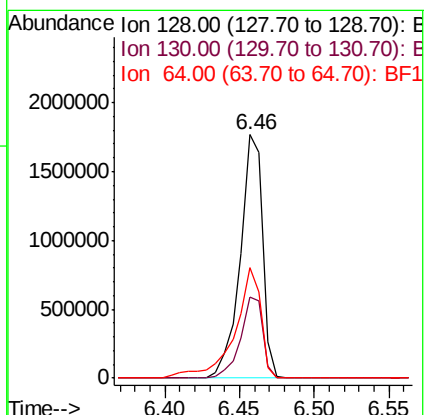
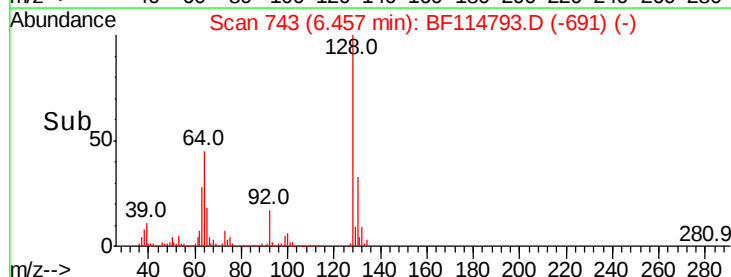
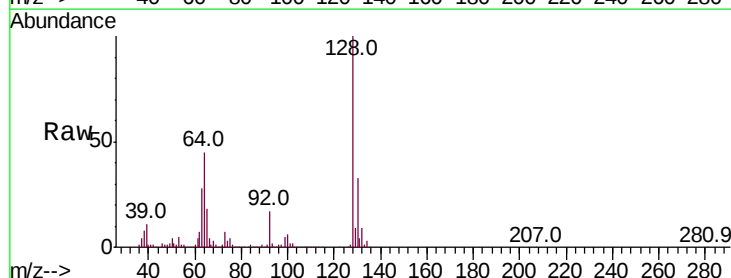
Tgt Ion: 128 Resp: 1844370

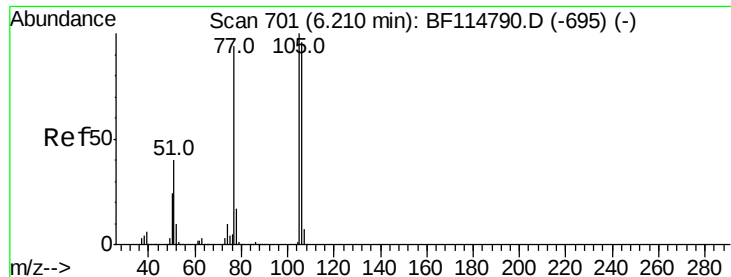
Ion Ratio Lower Upper

128 100

130 33.4 12.7 52.7

64 45.5 22.5 62.5





#9

Benzaldehyde

Concen: 72.092 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1269081

Ion Ratio Lower Upper

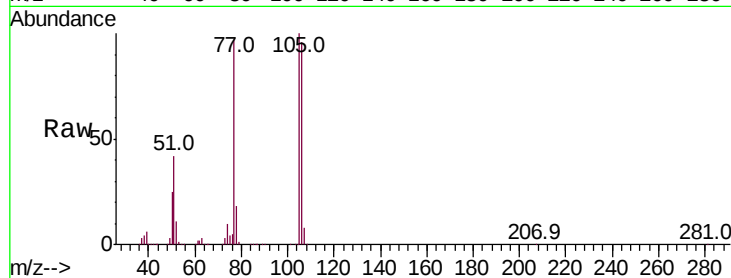
77 100

105 103.1 85.8 125.8

106 98.5 81.6 121.6

Manual Integrations
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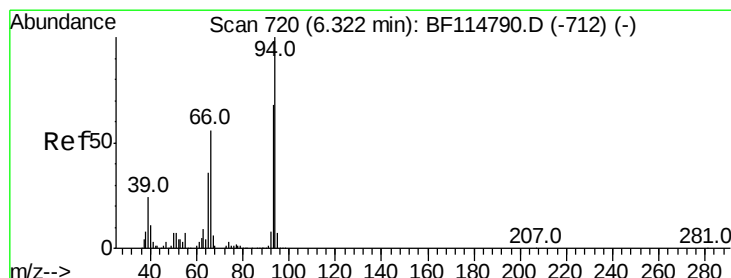
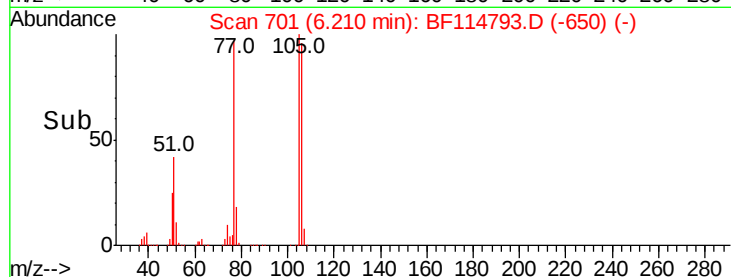
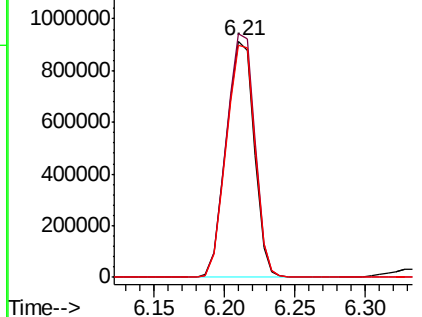
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 75.324 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

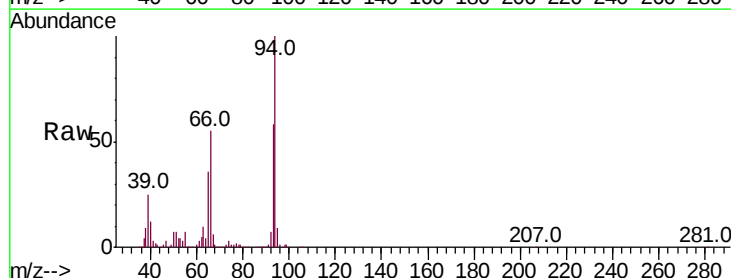
Tgt Ion: 94 Resp: 2169692

Ion Ratio Lower Upper

94 100

65 35.7 16.1 56.1

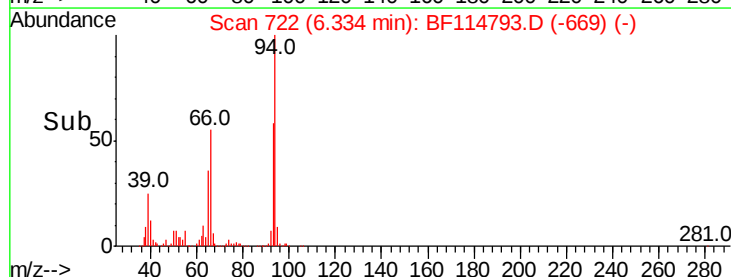
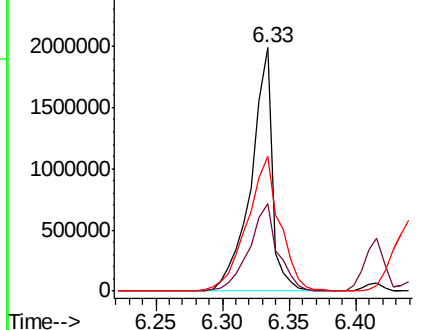
66 55.3 36.3 76.3

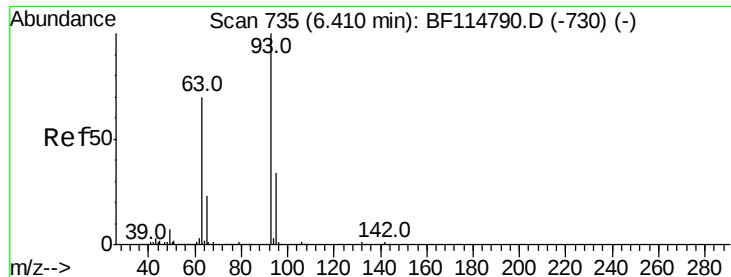


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





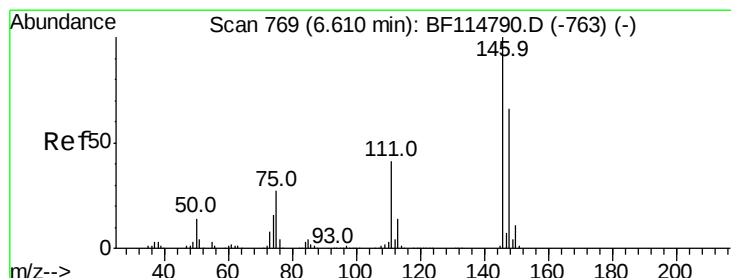
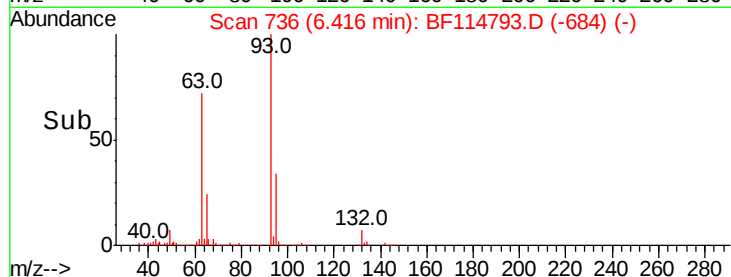
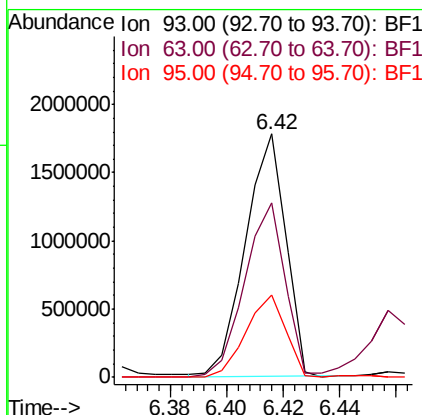
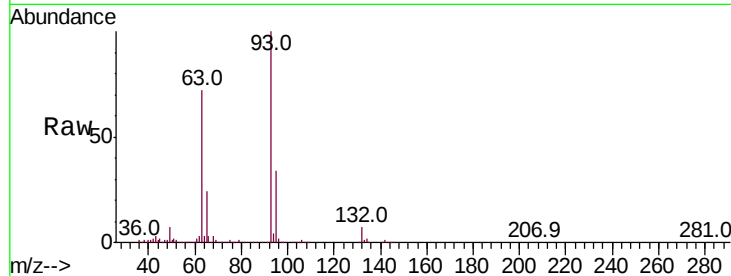
#11
bis(2-Chloroethyl)ether
Concen: 77.915 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	49.6	89.6
95	33.7	13.6	53.6

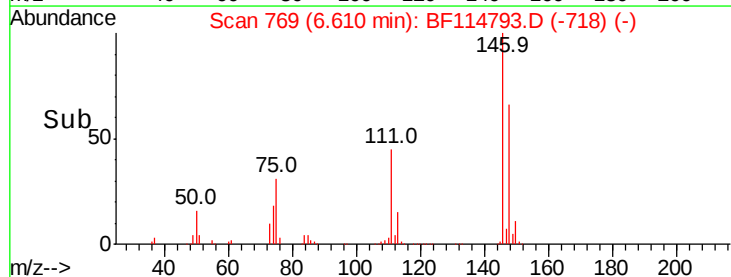
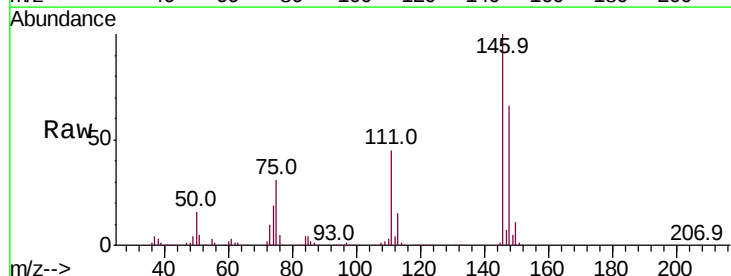
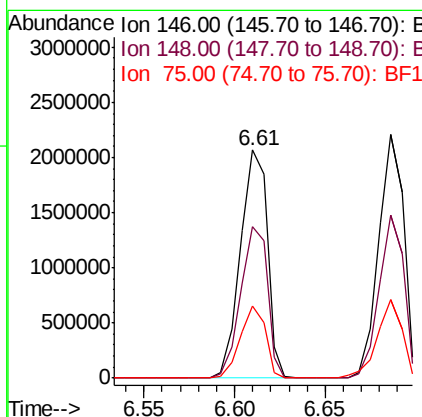
Manual Integrations
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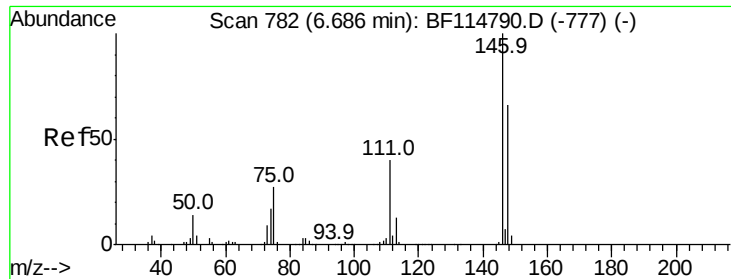
mohammad
6/5/2019 3:40:45 PM



#12
1,3-Dichlorobenzene
Concen: 76.574 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.7	79.1
75	31.4	22.0	33.0





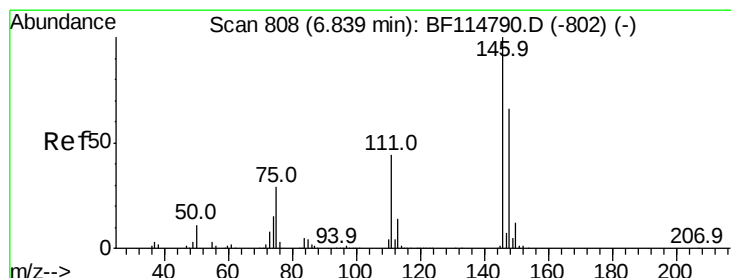
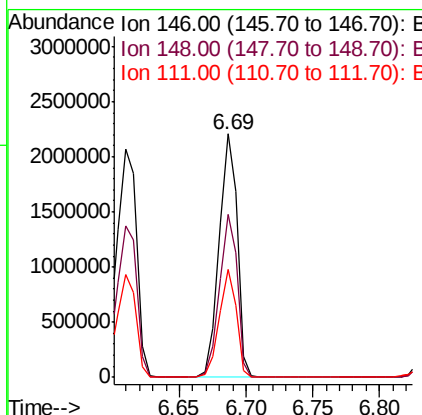
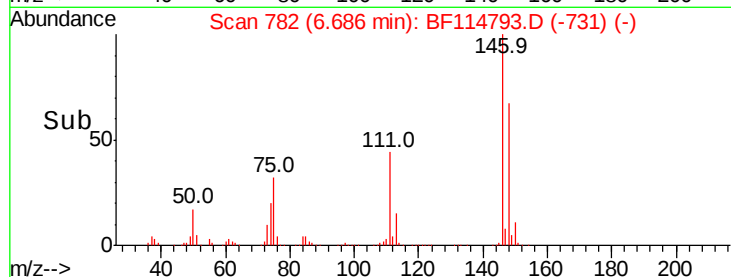
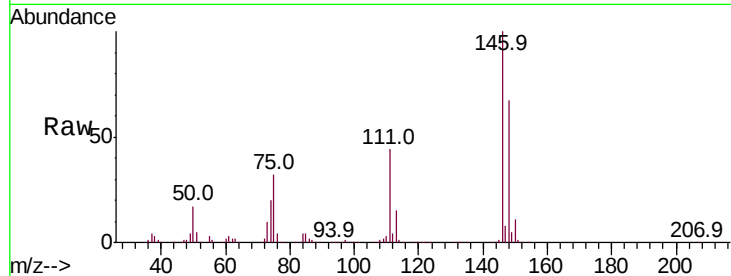
#13
1,4-Dichlorobenzene
Concen: 75.604 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:146 Resp: 2122927
Ion Ratio Lower Upper
146 100
148 66.9 53.0 79.4
111 44.2 32.2 48.4

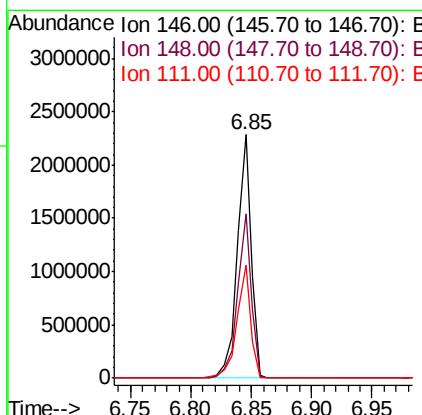
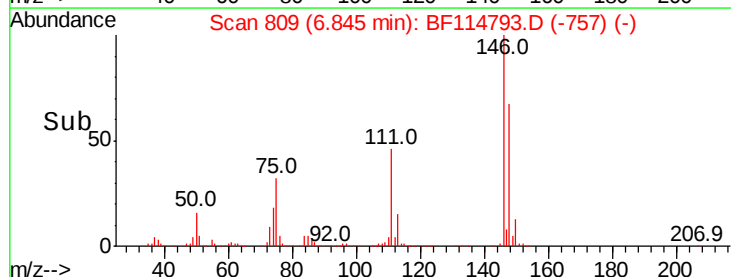
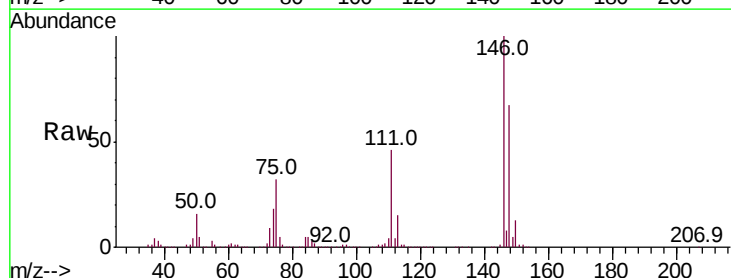
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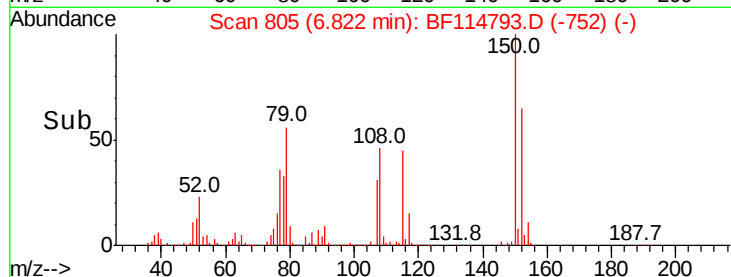
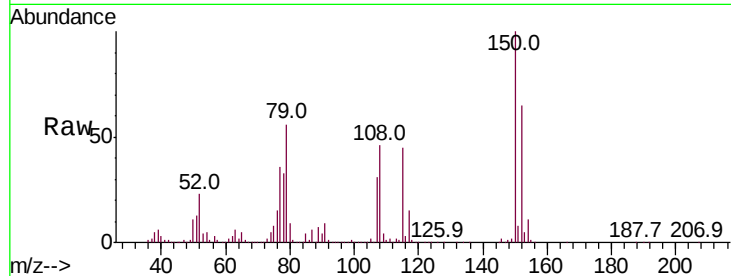
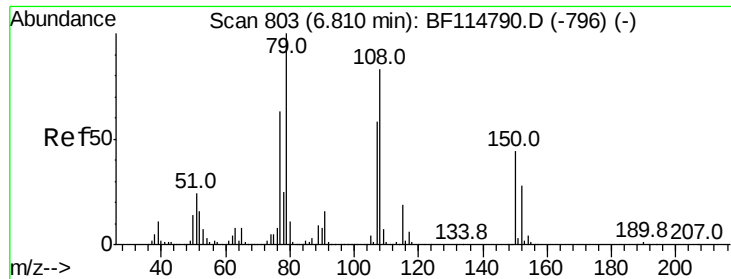
mohammad
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#14
1,2-Dichlorobenzene
Concen: 72.541 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion:146 Resp: 1841266
Ion Ratio Lower Upper
146 100
148 67.4 52.5 78.7
111 46.2 34.8 52.2





#15

Benzyl Alcohol

Concen: 75.150 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tot Ion: 79 Resp: 1430082

Ion Ratio Lower Upper

79 100

108 81.9 66.8 100.2

77 64.5 50.6 76.0

Instrument :

BNA_F

ClientSampleId :

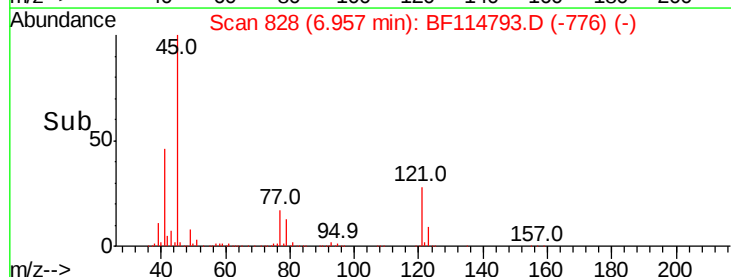
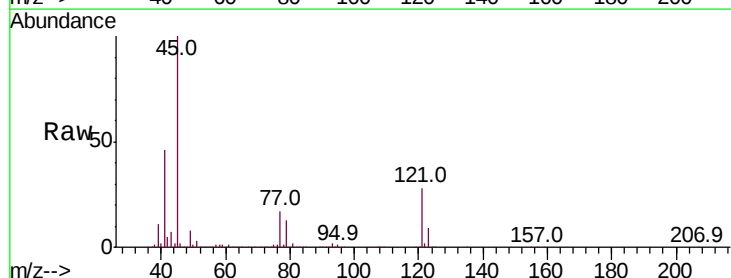
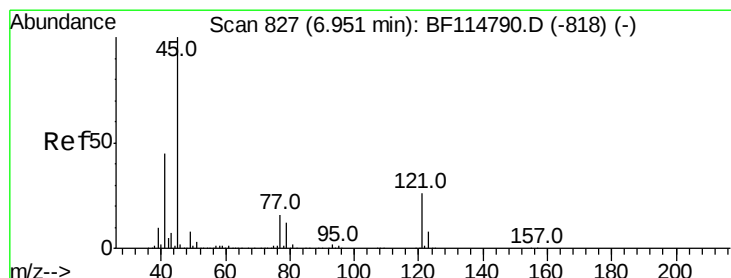
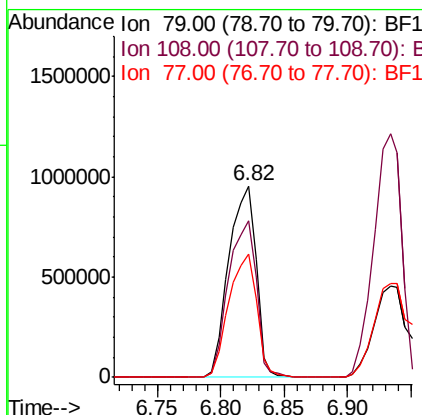
SSTDIC080

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.575 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

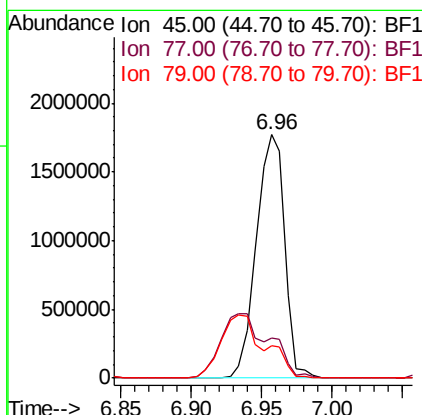
Tgt Ion: 45 Resp: 2499637

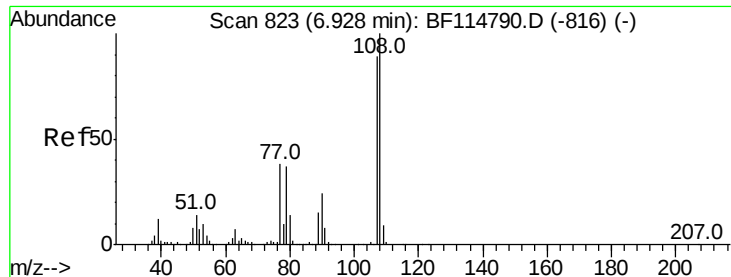
Ion Ratio Lower Upper

45 100

77 16.7 0.0 35.8

79 13.2 0.0 32.0





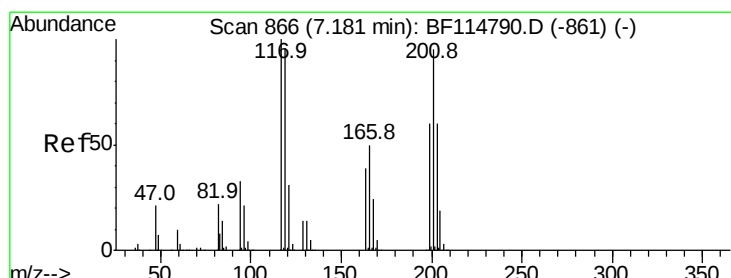
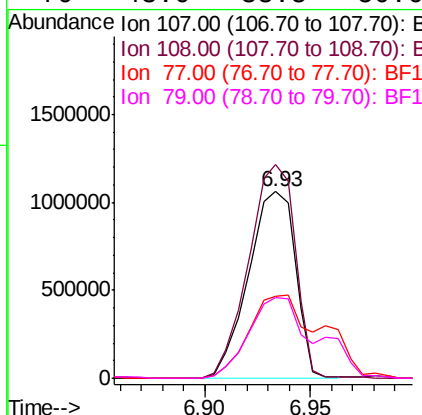
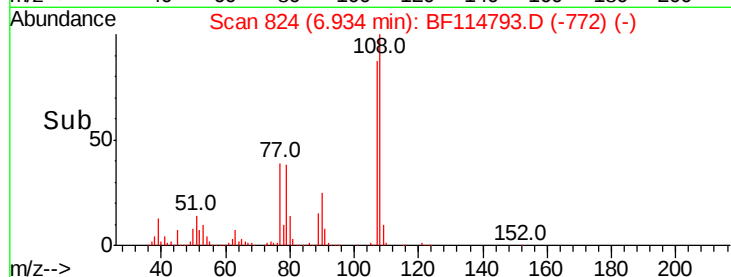
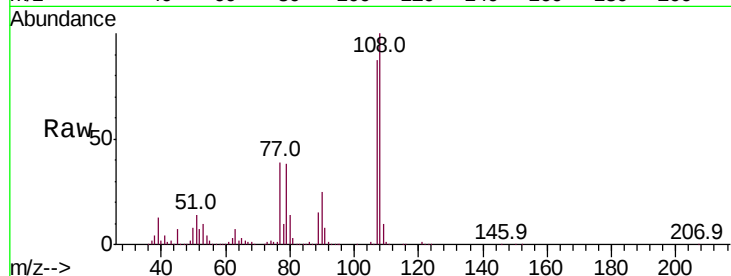
#17
2-Methylphenol
Concen: 80.343 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	107	Resp:	1640974
Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.2	135.2
77	44.2	34.5	51.7
79	43.0	33.8	50.6

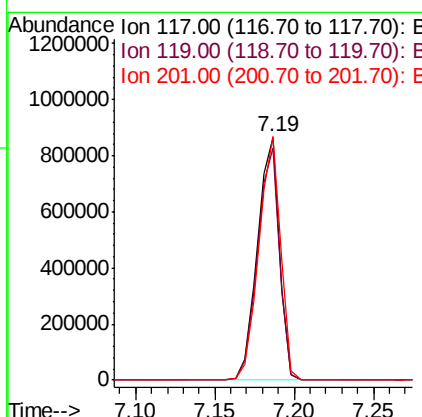
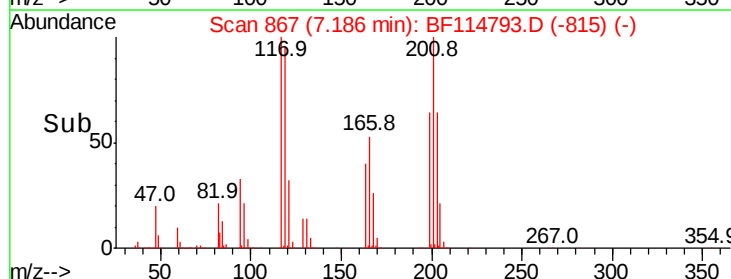
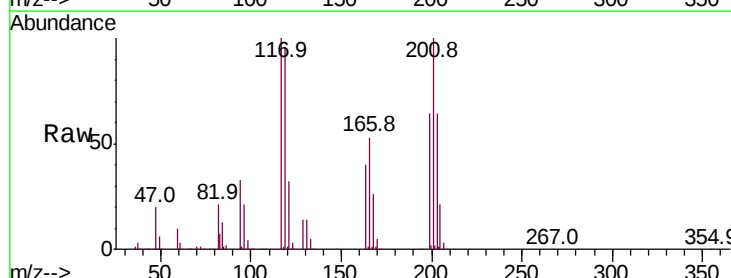
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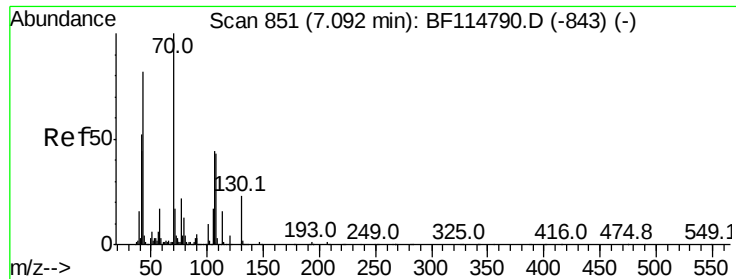
mohammad
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#18
Hexachloroethane
Concen: 78.766 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion:	117	Resp:	832127
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.4
201	100.2	76.0	114.0





#19

n-Nitroso-di-n-propylamine

Concen: 79.822 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.02 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 70 Resp: 1330962

Ion Ratio Lower Upper

70 100

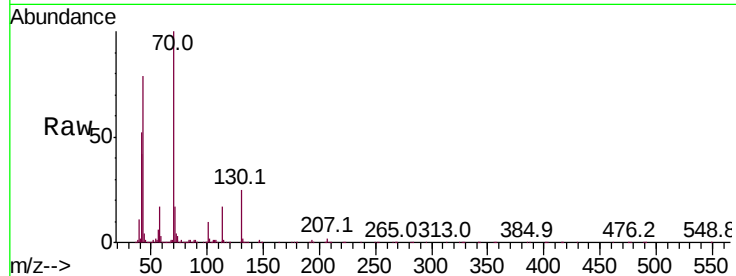
42 51.8 41.8 62.8

101 10.5 8.2 12.4

130 25.2 18.5 27.7

Manual Integrations
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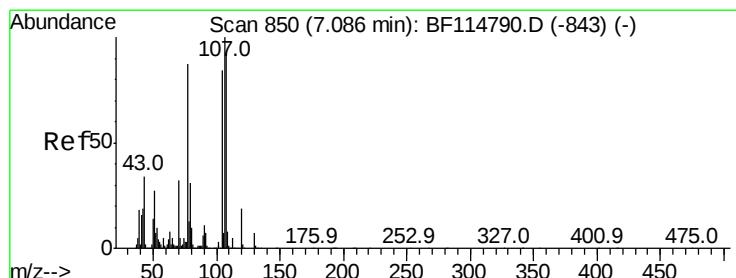
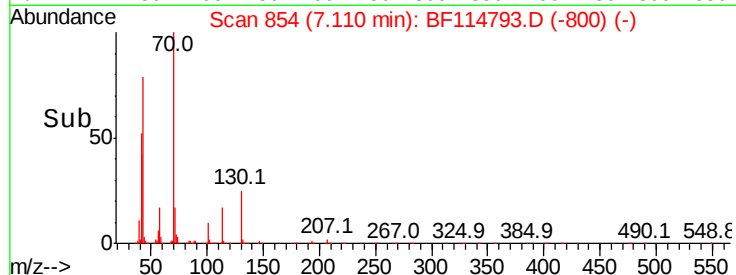
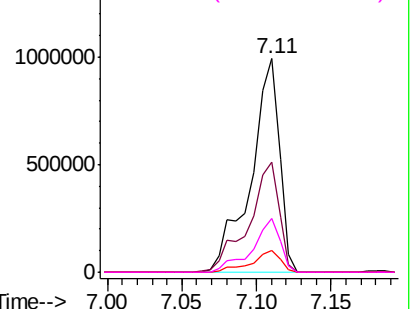
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 73.212 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tgt Ion: 107 Resp: 1649299

Ion Ratio Lower Upper

107 100

108 95.8 73.5 113.5

77 60.2 67.2 107.2#

79 32.3 10.6 50.6

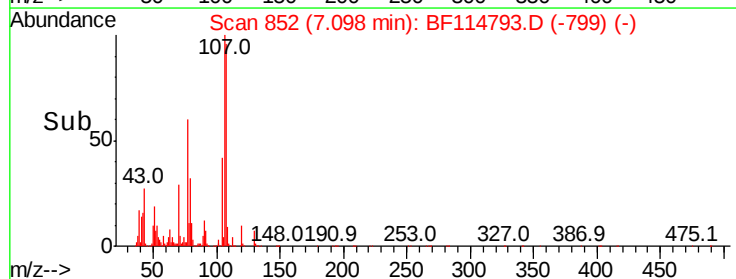
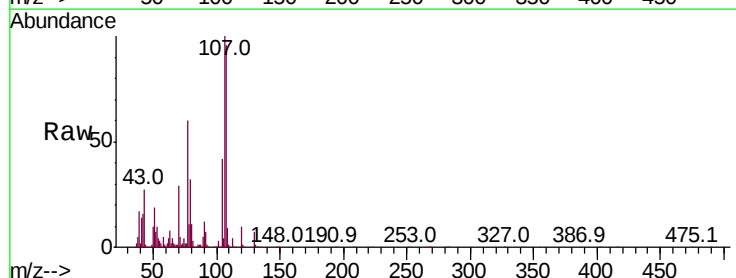
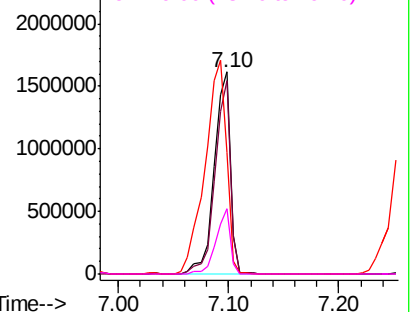
Abundance

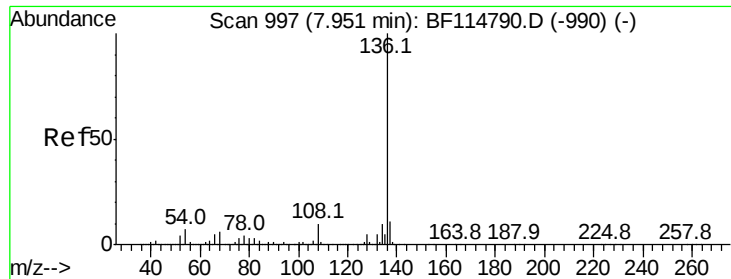
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:136 Resp: 1514772

Ion Ratio Lower Upper

136 100

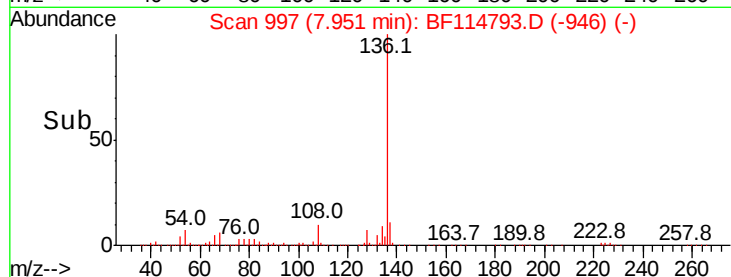
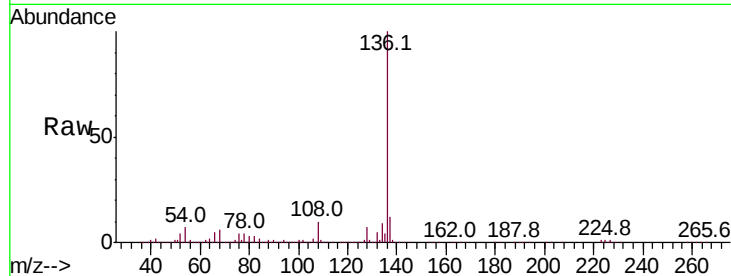
137 11.5 9.1 13.7

54 6.8 5.4 8.0

68 5.9 4.6 6.8

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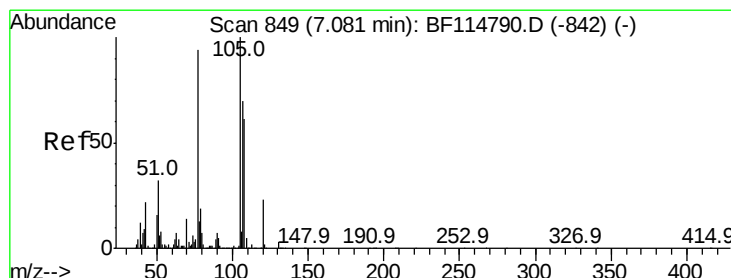
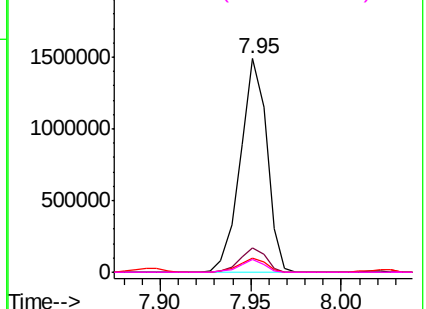


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 75.195 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tgt Ion:105 Resp: 2454584

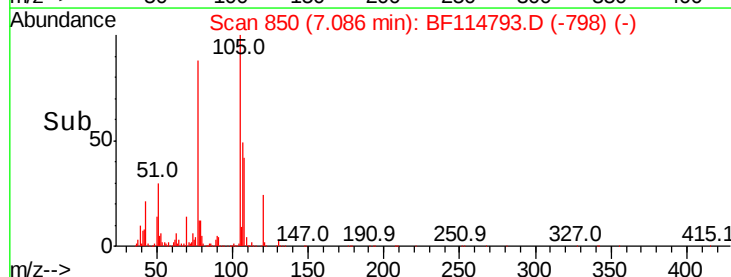
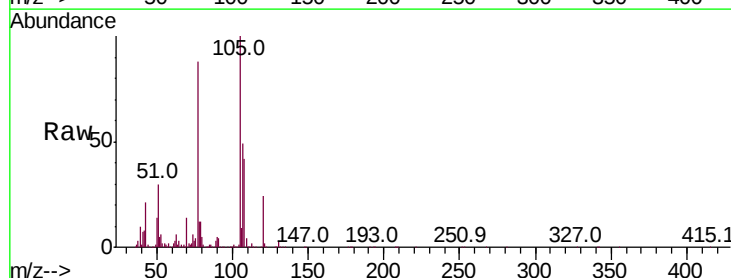
Ion Ratio Lower Upper

105 100

71 2.3 2.0 3.0

51 30.2 25.4 38.0

120 23.7 18.7 28.1

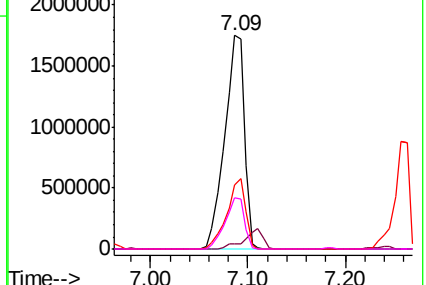


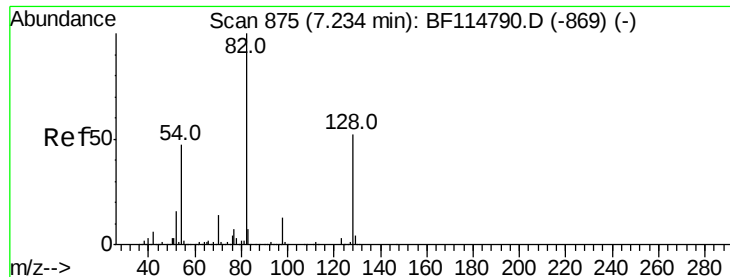
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





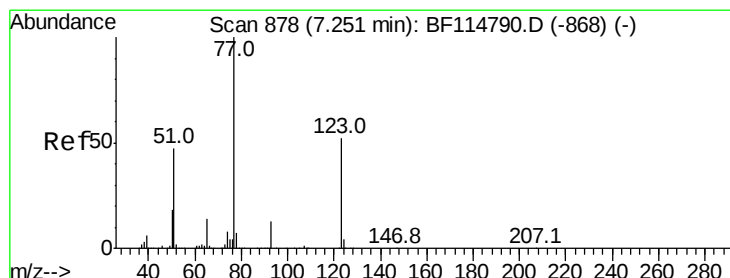
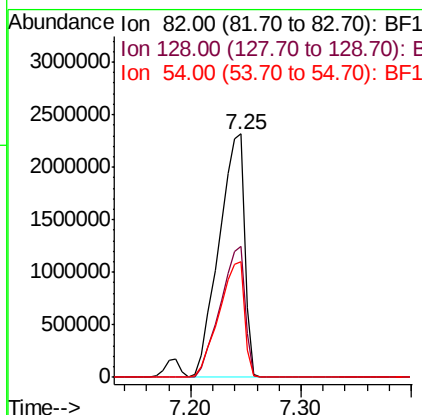
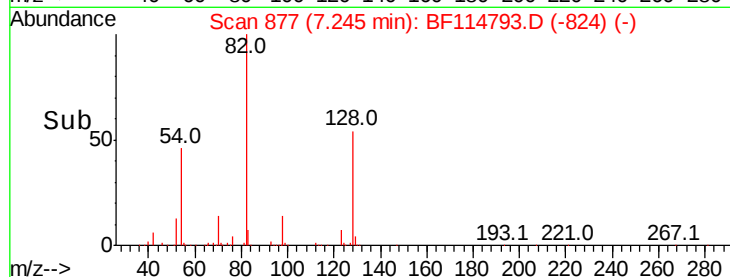
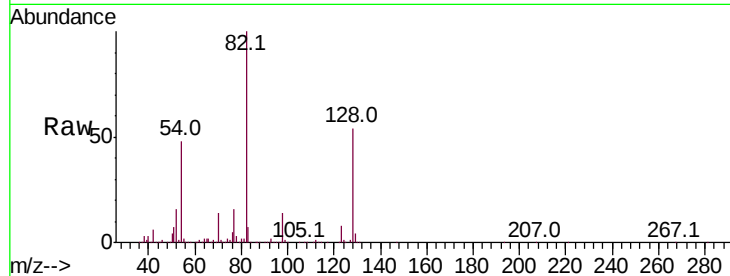
#23
Nitrobenzene-d5
Concen: 154.806 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.7	41.8	62.6
54	47.6	37.9	56.9

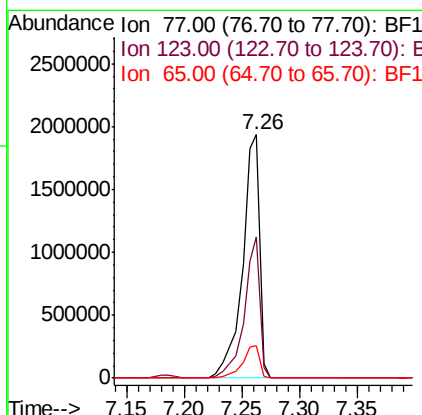
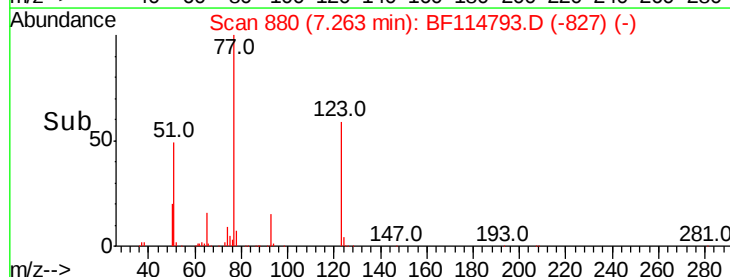
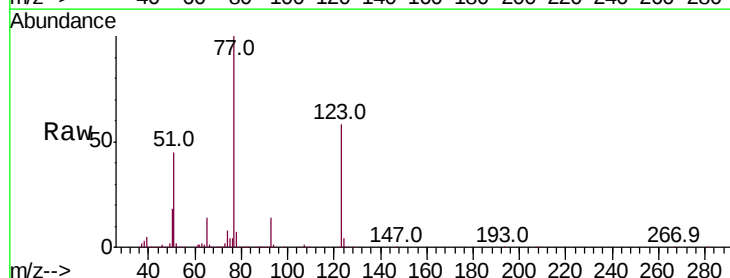
Manual Integrations
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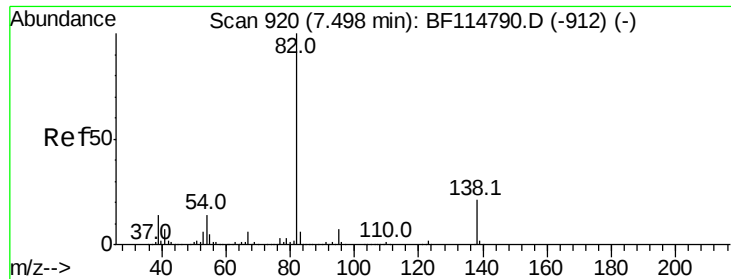
mohammad
6/5/2019 3:40:45 PM



#24
Nitrobenzene
Concen: 79.085 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.8	41.5	62.3
65	13.5	10.8	16.2





#25

Isophorone

Concen: 79.337 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 3773582

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

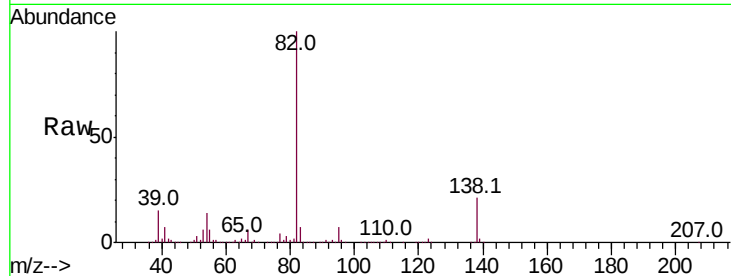
138 20.8 16.9 25.3

Manual Integrations

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mohammad

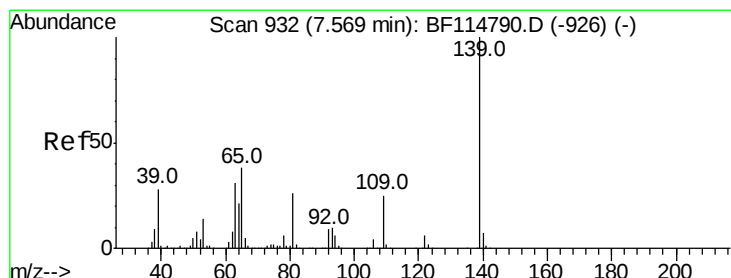
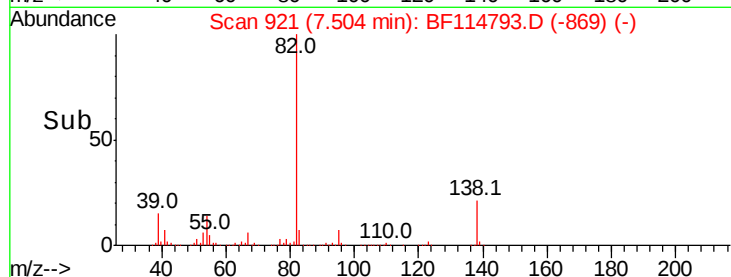
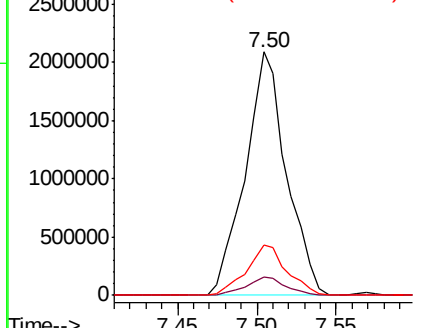
6/5/2019 3:40:45 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 81.271 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

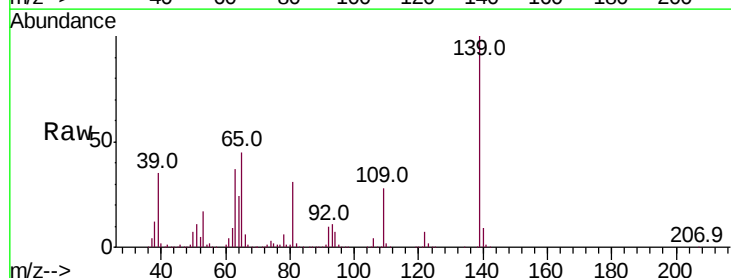
Tgt Ion:139 Resp: 1095854

Ion Ratio Lower Upper

139 100

109 27.8 20.4 30.6

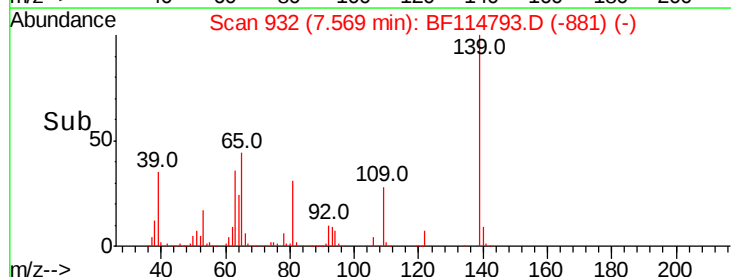
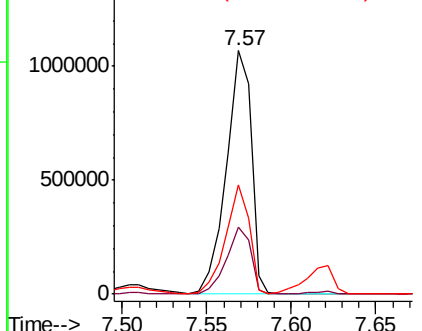
65 45.1 30.5 45.7

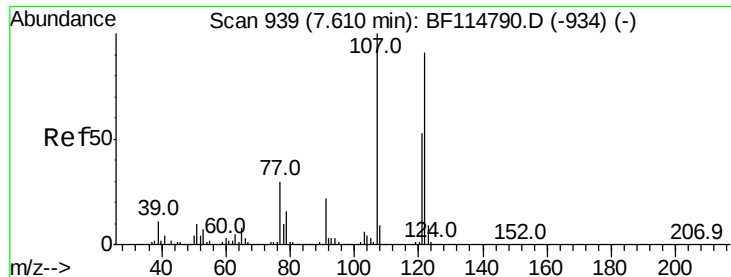


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





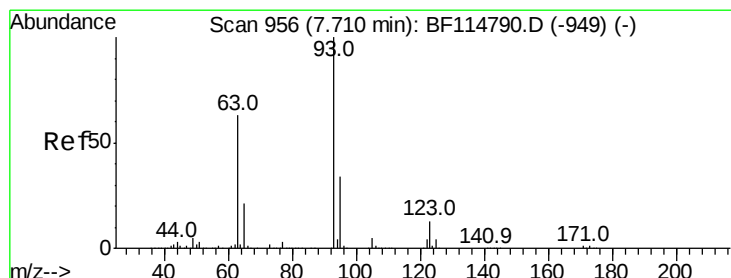
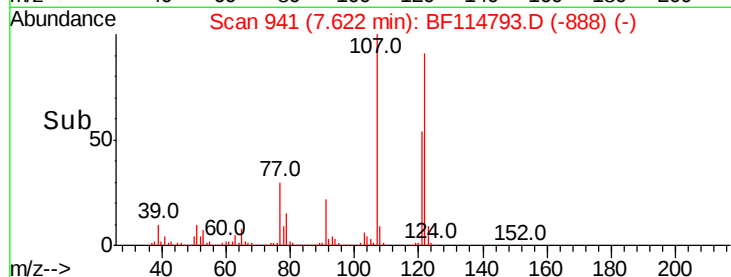
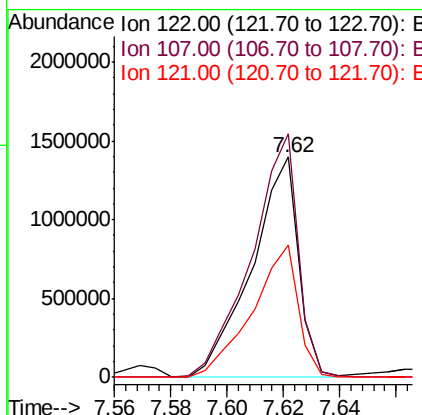
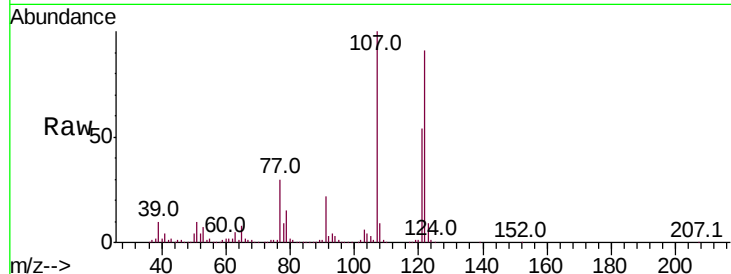
#27
2,4-Dimethylphenol
Concen: 78.001 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	87.9	131.9
121	59.9	46.4	69.6

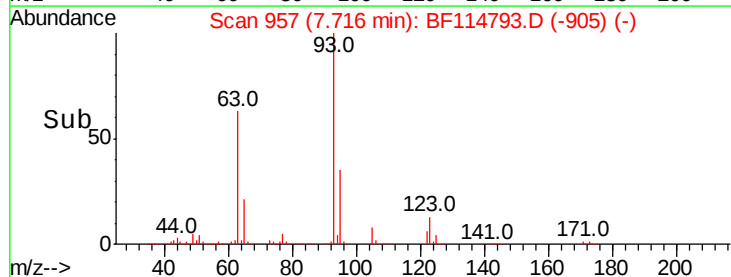
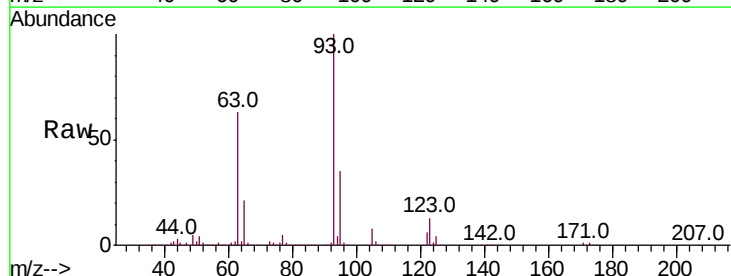
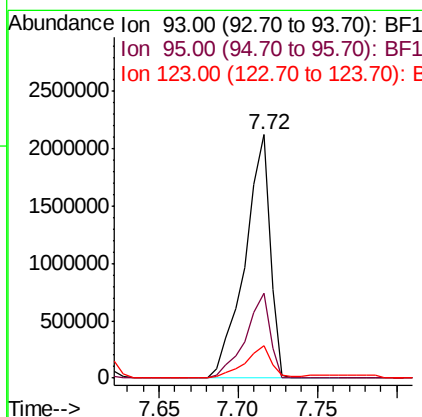
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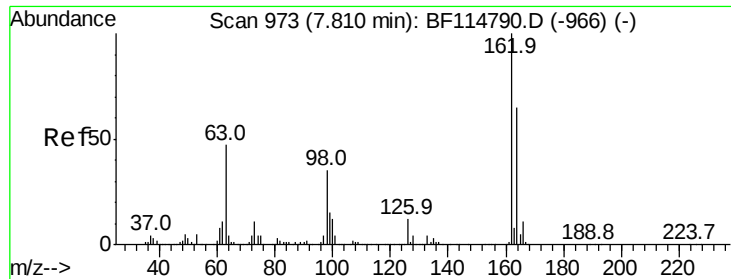
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 76.919 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	26.9	40.3
123	13.5	10.4	15.6





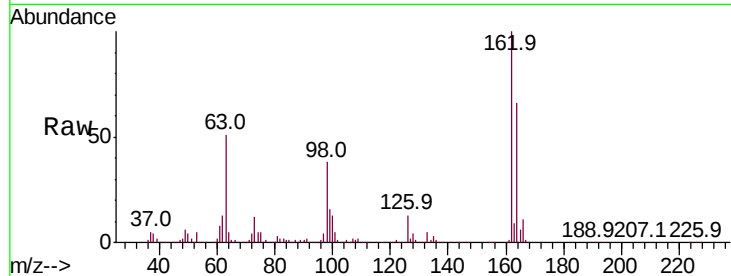
#29
2,4-Dichlorophenol
Concen: 77.940 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.1	85.1
98	37.6	14.6	54.6

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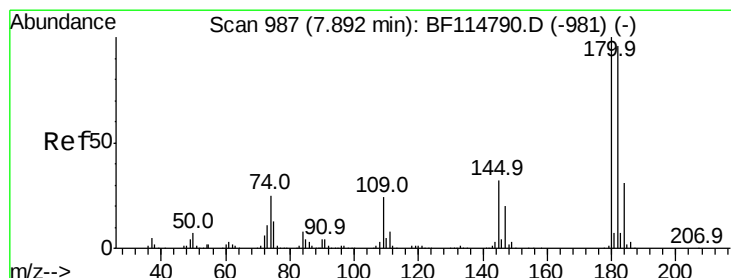
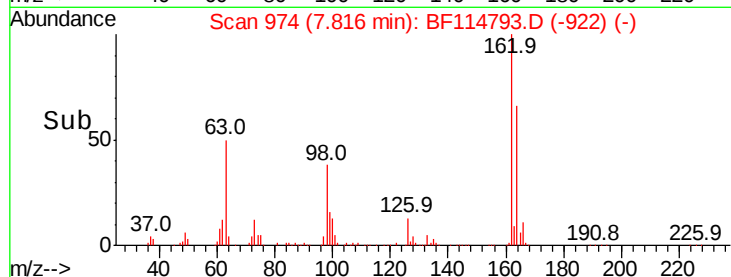
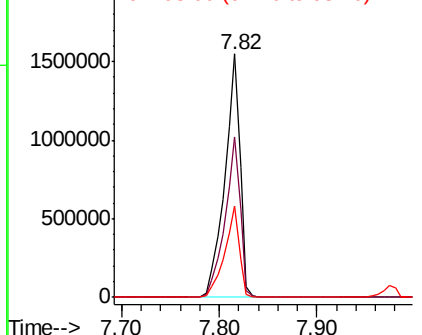


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 75.761 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

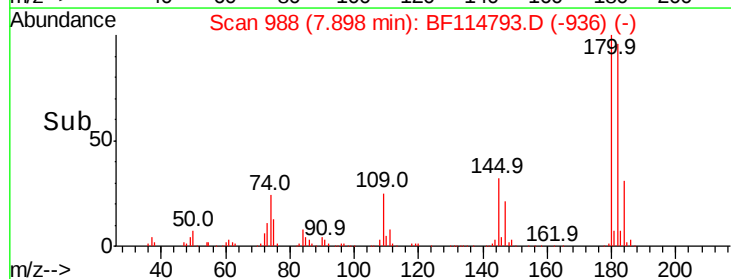
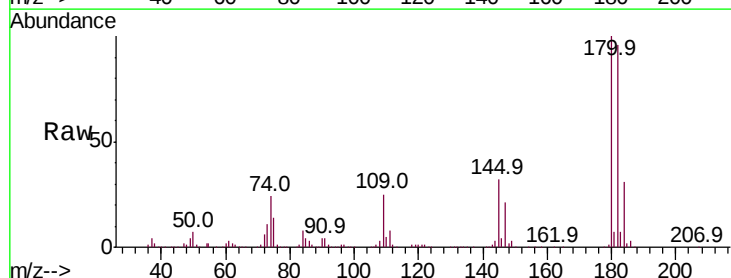
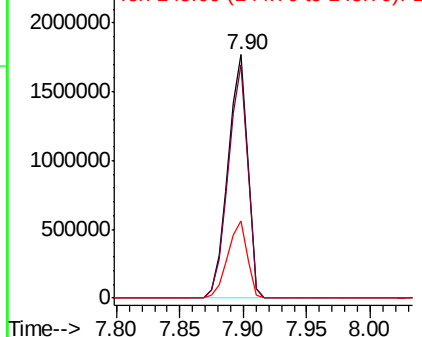
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.5	114.7
145	31.9	25.8	38.8

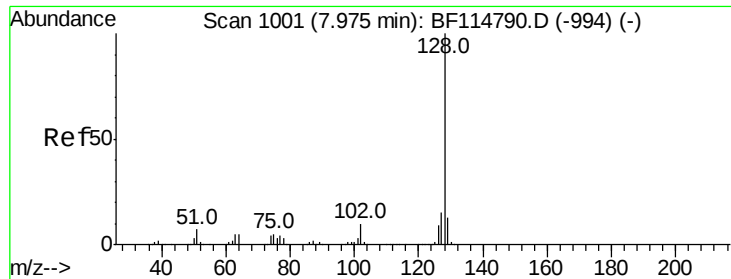
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





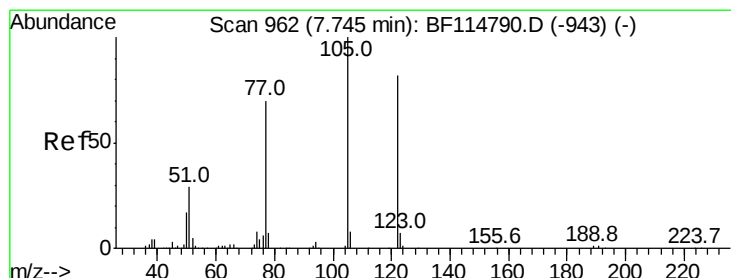
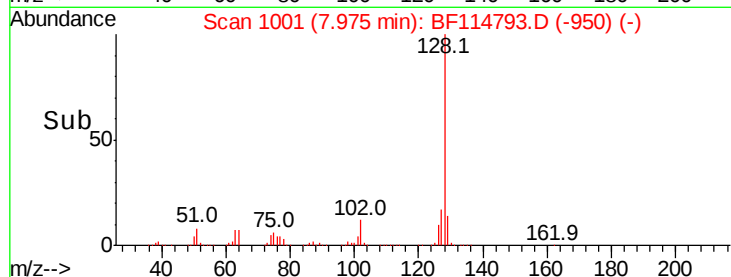
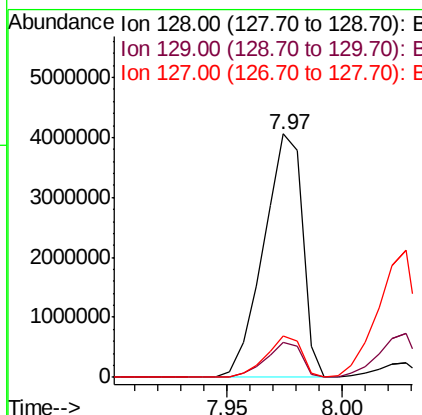
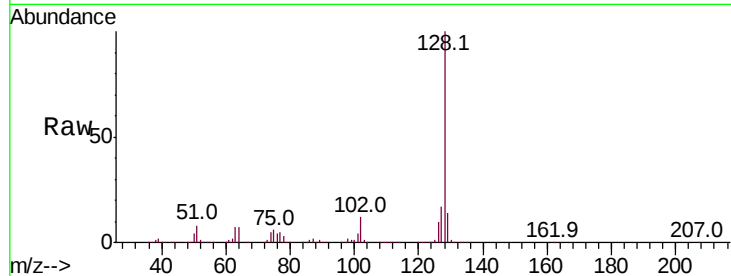
#31
Naphthalene
Concen: 71.167 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:128 Resp: 4749606
Ion Ratio Lower Upper
128 100
129 14.4 10.0 15.0
127 17.1 12.2 18.2

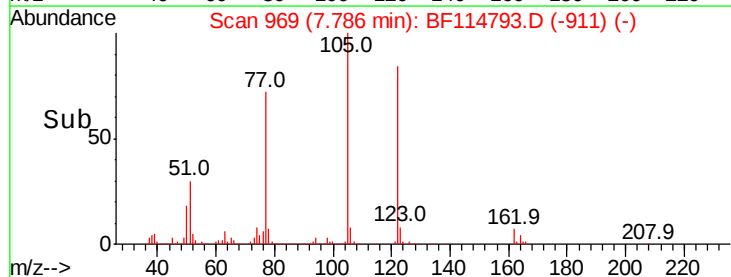
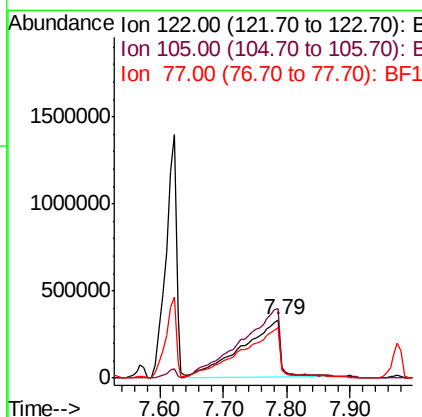
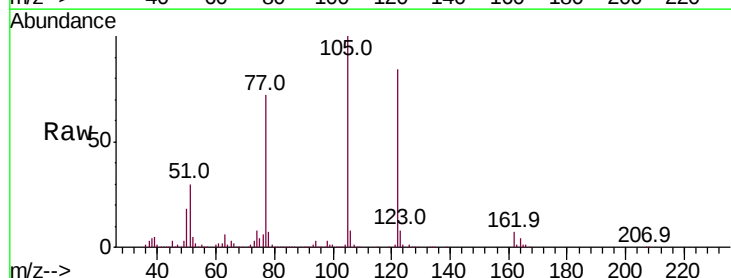
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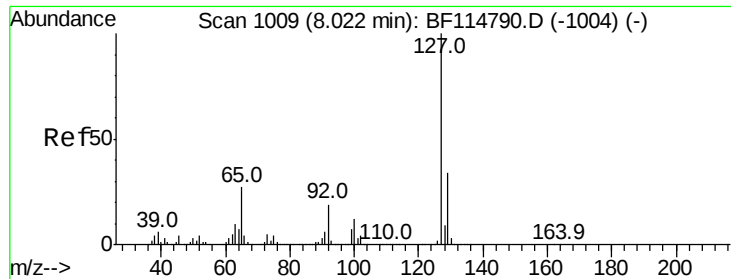
mohammad
6/5/2019 3:40:45 PM



#32
Benzoic acid
Concen: 93.816 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.04 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion:122 Resp: 1386145
Ion Ratio Lower Upper
122 100
105 119.2 98.7 138.7
77 86.0 64.8 104.8





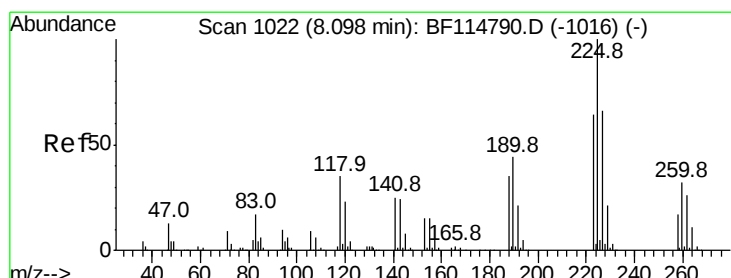
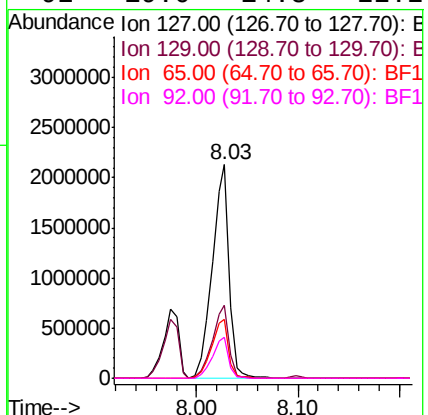
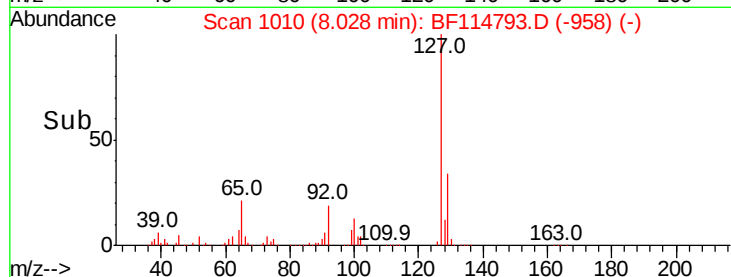
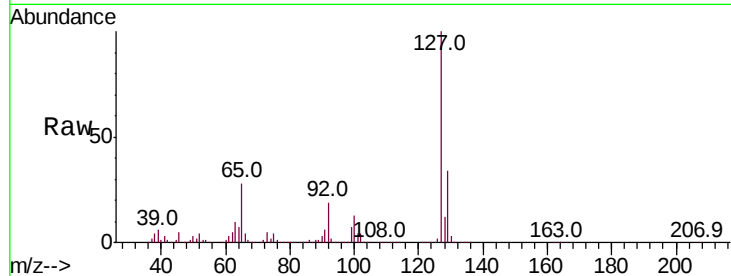
#33
4-Chloroaniline
Concen: 76.625 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
2432972	127	100		
	129	34.4	26.9	40.3
	65	27.7	21.7	32.5
	92	19.0	14.8	22.2

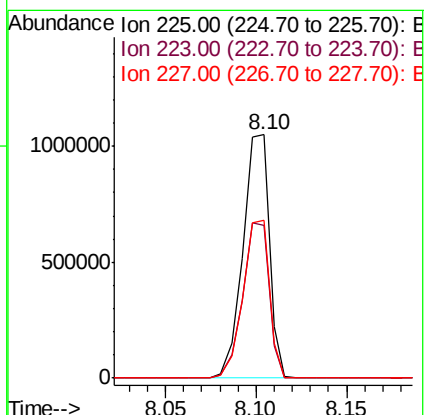
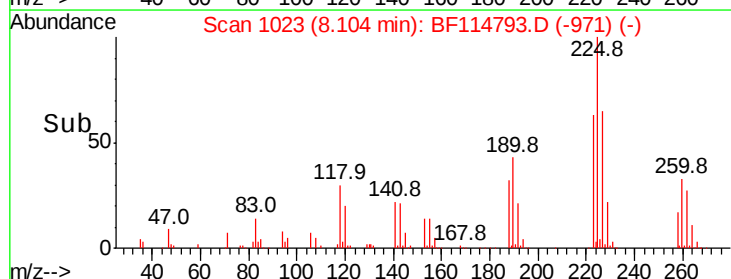
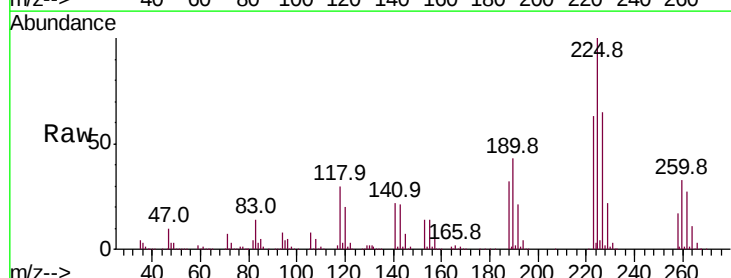
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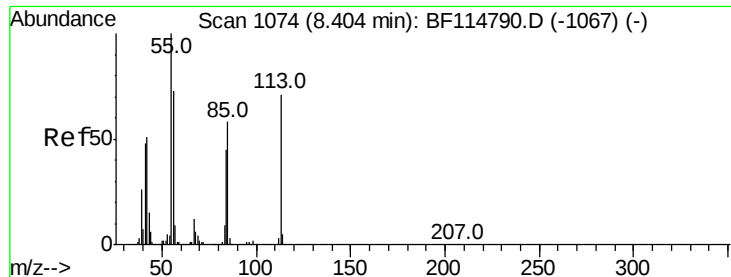
mohammad
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#34
Hexachlorobutadiene
Concen: 75.099 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
1060396	225	100		
	223	62.9	51.0	76.6
	227	65.0	52.6	78.8





#35

Caprolactam

Concen: 81.478 ng/ml

RT: 8.43 min Scan# 1078

Delta R.T. 0.02 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

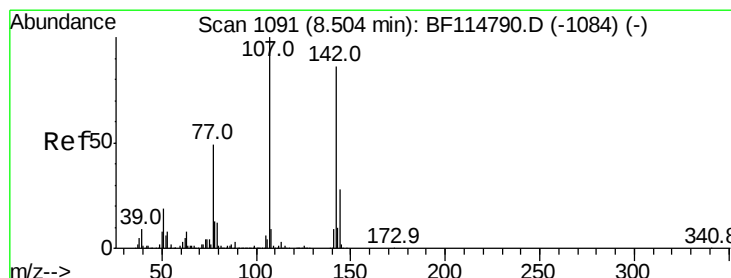
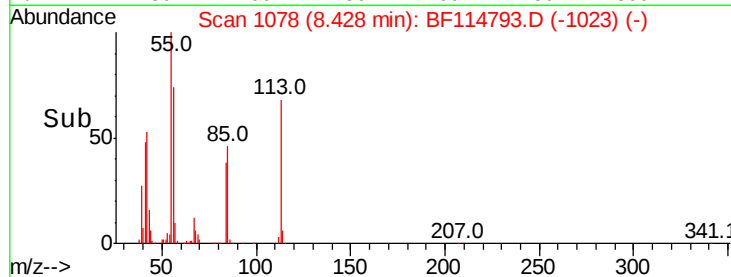
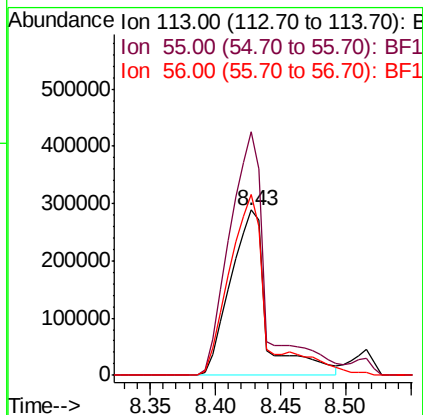
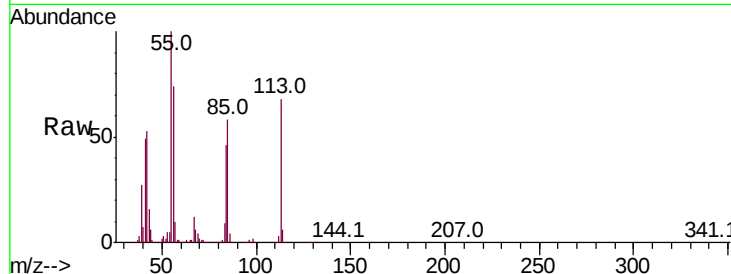
ClientSampleId :

SSTDIC080

Tot Ion:	113	Resp:	563801
Ion Ratio	Lower	Upper	
113	100		
55	147.6	121.1	161.1
56	109.9	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 78.863 ng/ml

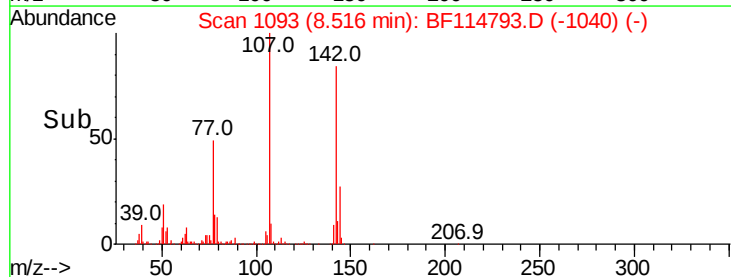
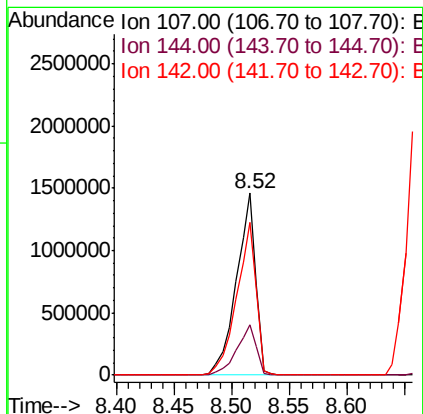
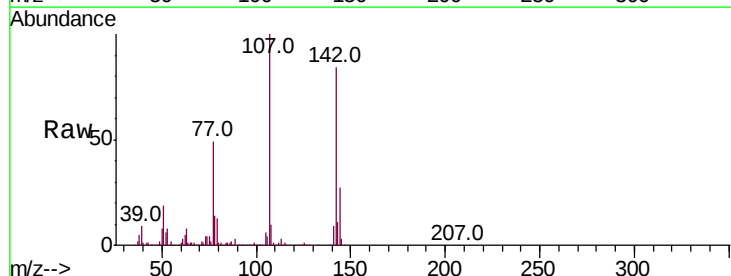
RT: 8.52 min Scan# 1093

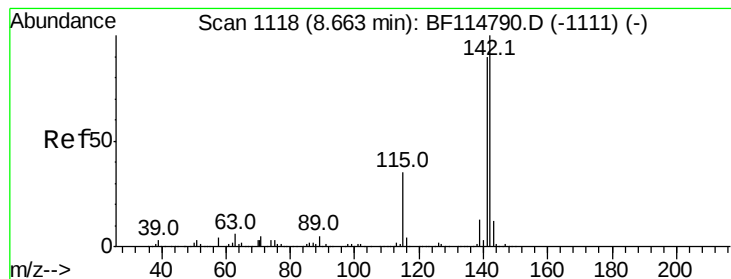
Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tgt Ion:	107	Resp:	1691114
Ion Ratio	Lower	Upper	
107	100		
144	27.5	22.1	33.1
142	83.7	68.4	102.6





#37

2-Methylnaphthalene

Concen: 72.543 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:142 Resp: 3364882

Ion Ratio Lower Upper

142 100

141 89.6 71.6 107.4

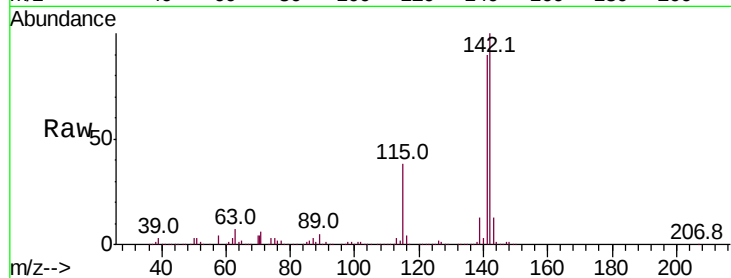
115 38.4 28.2 42.4

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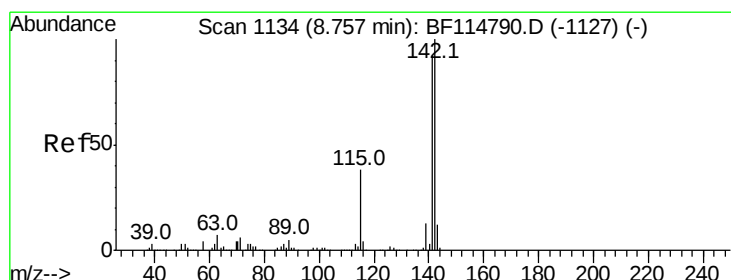
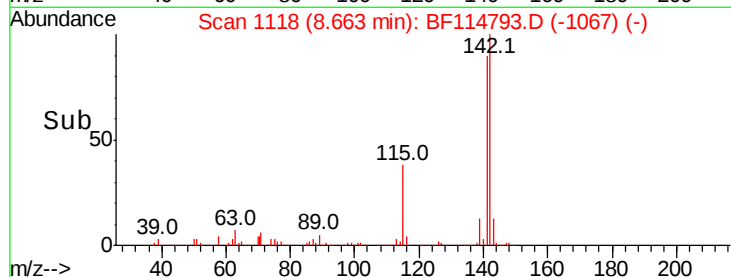
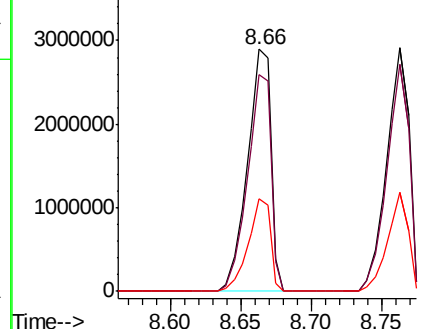
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 73.077 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

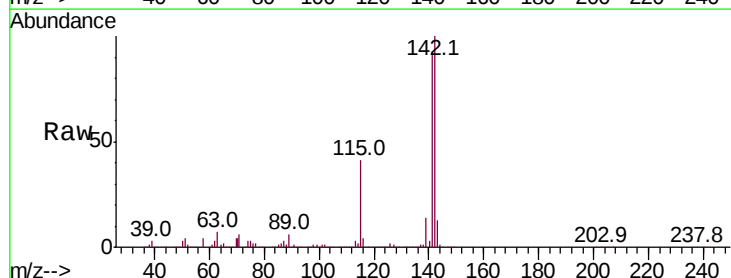
Tgt Ion:142 Resp: 3203838

Ion Ratio Lower Upper

142 100

141 93.2 73.8 110.6

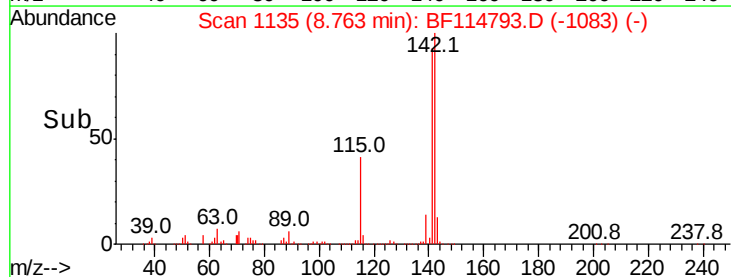
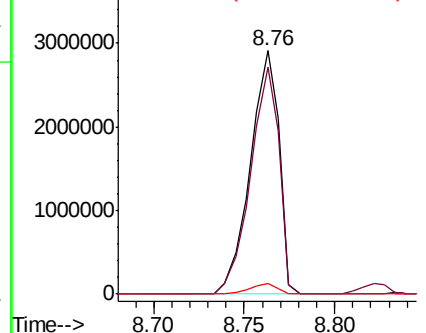
116 4.4 3.3 4.9

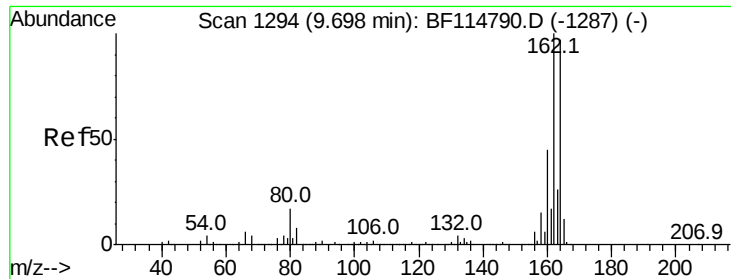


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





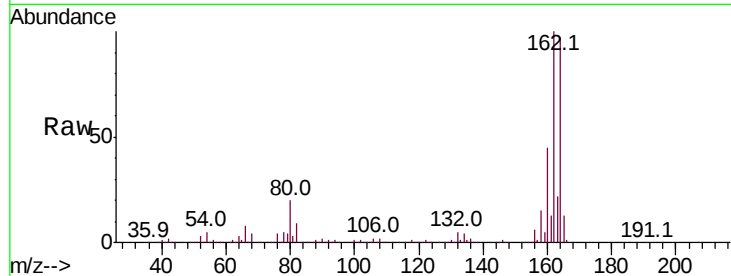
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.3	123.5
160	46.0	36.7	55.1

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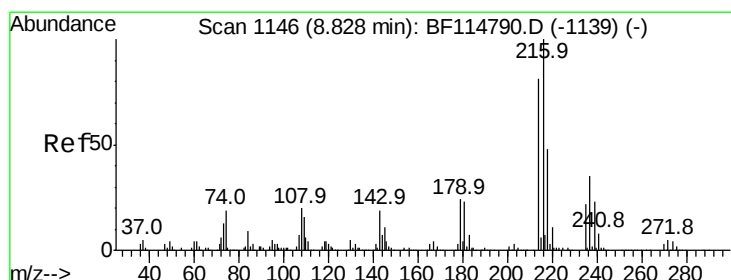
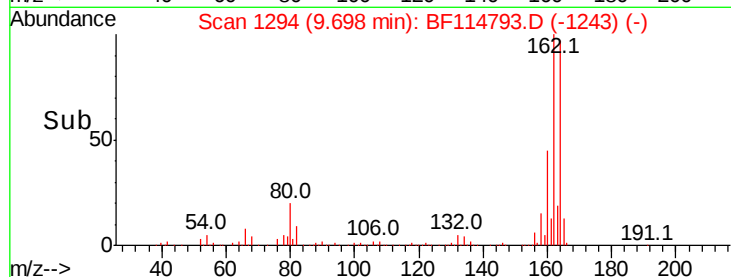
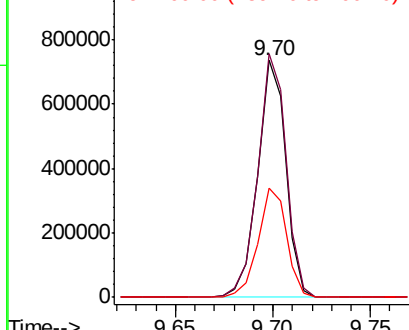


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 73.661 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	23.3	18.3	27.5
108	19.6	15.5	23.3

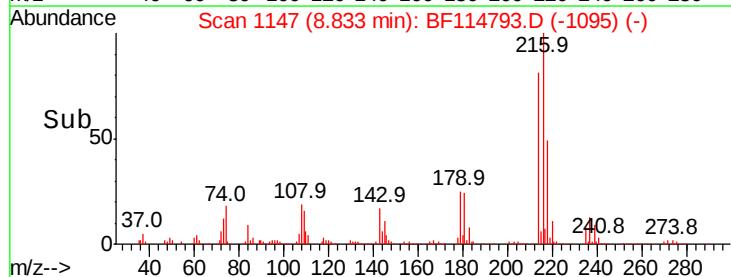
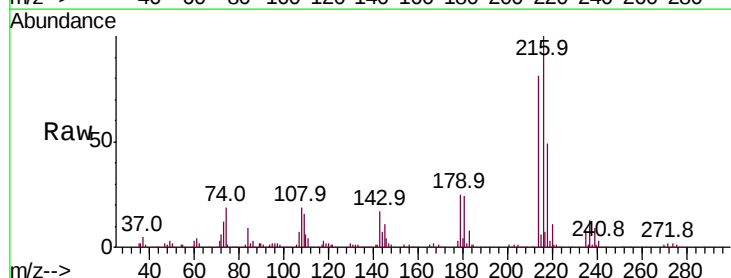
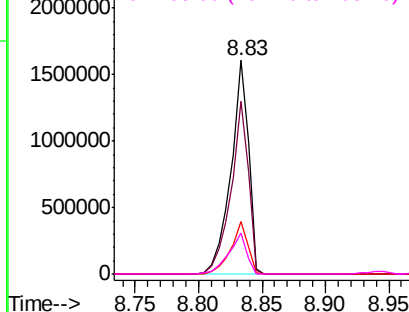
Abundance

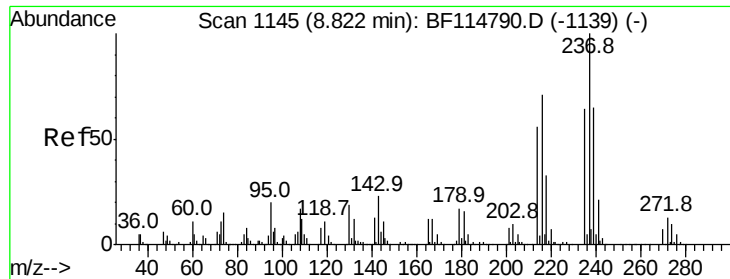
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.646 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

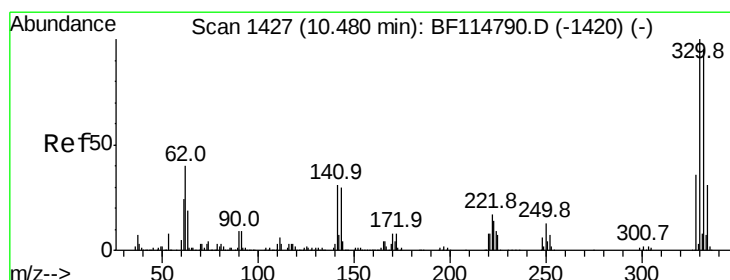
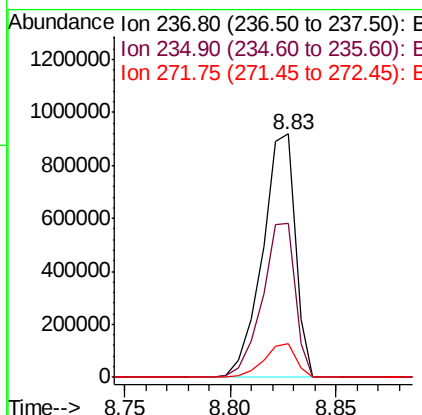
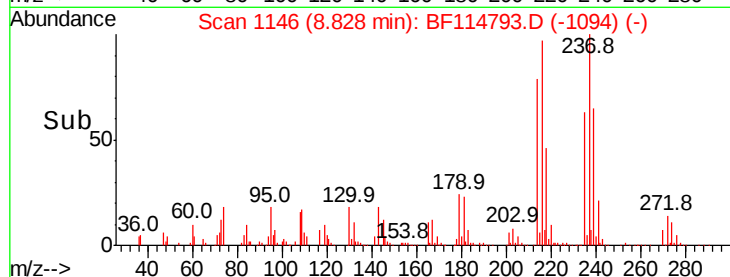
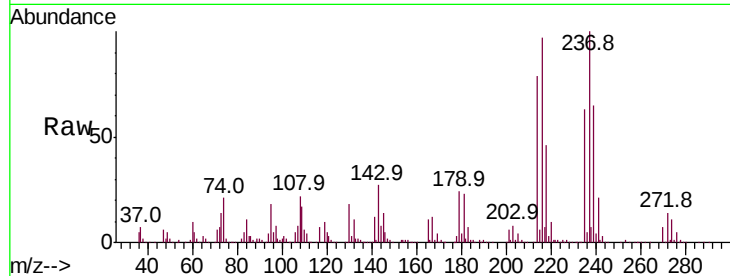
ClientSampleId :

SSTDIC080

Tot Ion:	237	Resp:	991466
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.0	84.0
272	14.0	0.0	33.4

Manual Integrations
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6/5/2019 3:40:45 PM



#42

2,4,6-Tribromophenol

Concen: 154.965 ng

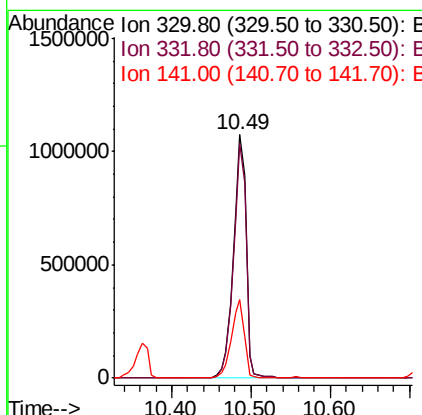
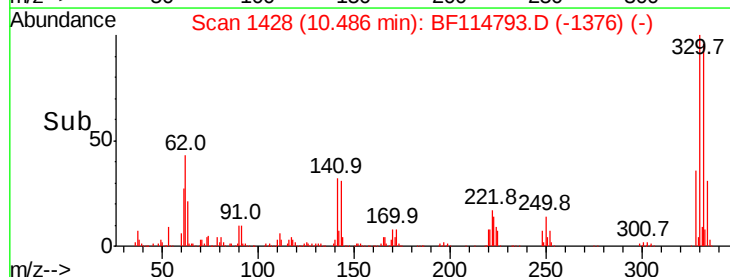
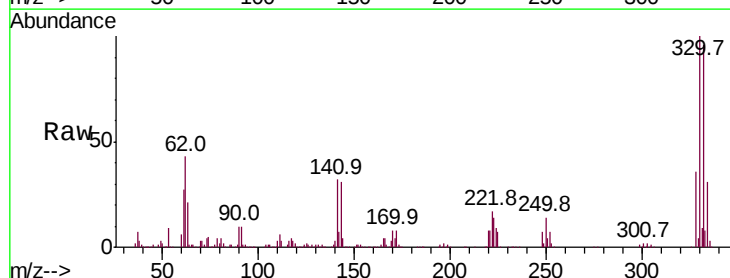
RT: 10.49 min Scan# 1428

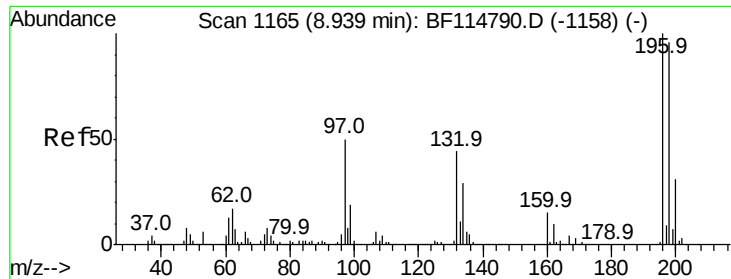
Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tgt Ion:	330	Resp:	1193856
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	32.7	26.2	39.4





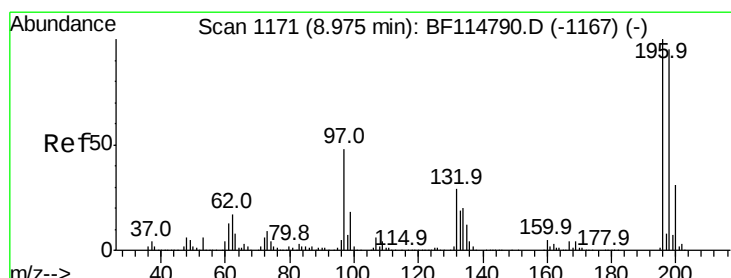
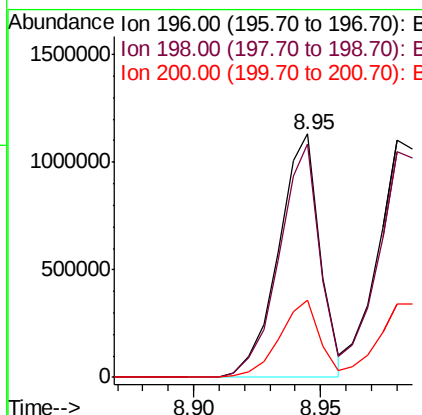
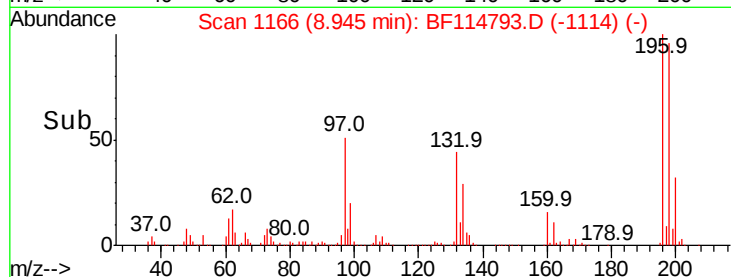
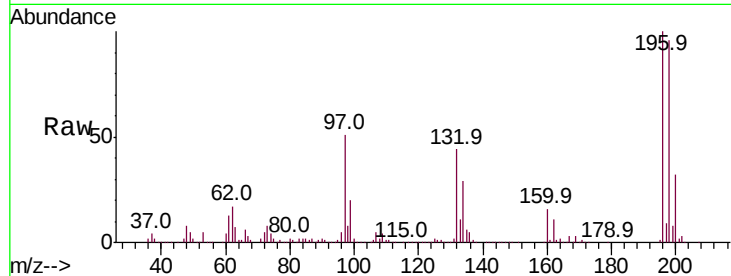
#43
 2,4,6-Trichlorophenol
 Concen: 79.520 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.1	115.7
200	31.7	24.6	36.8

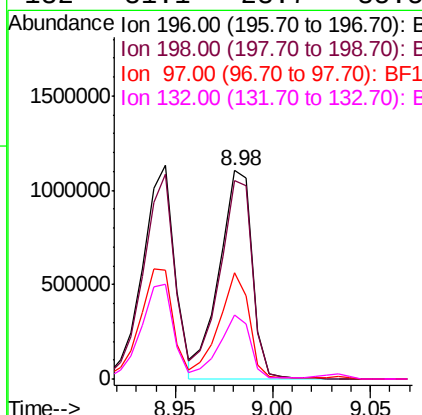
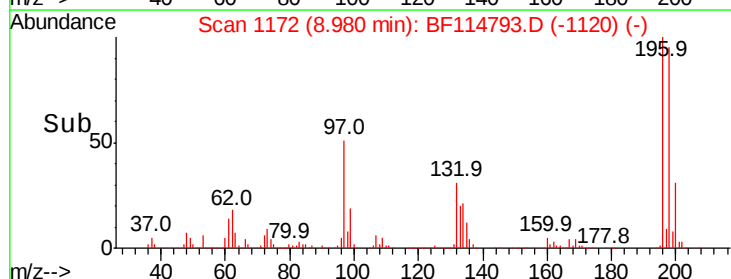
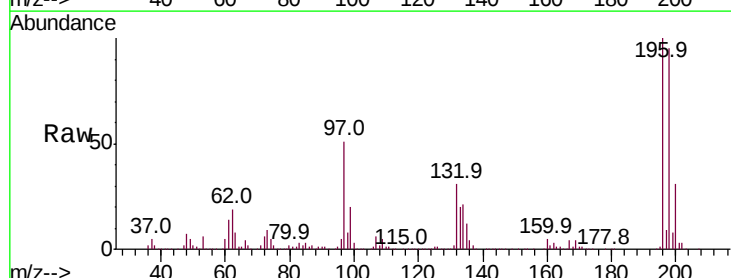
Manual Integrations
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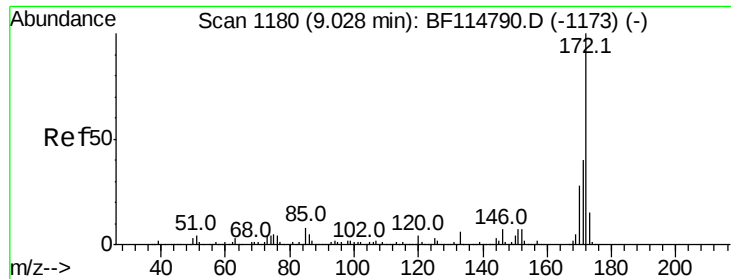
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 80.166 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.2	114.4
97	51.1	38.2	57.4
132	31.1	23.7	35.5





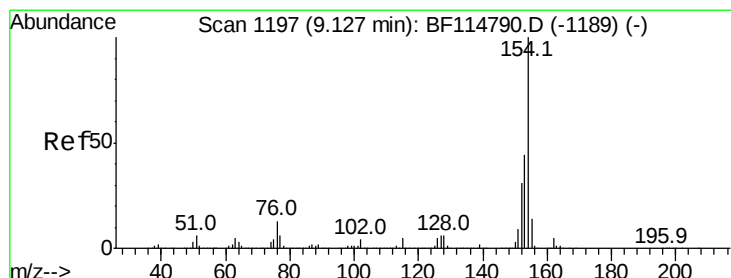
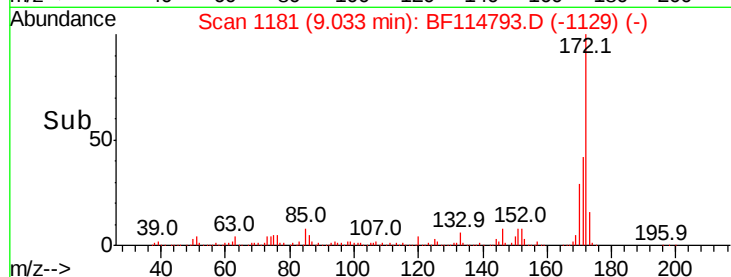
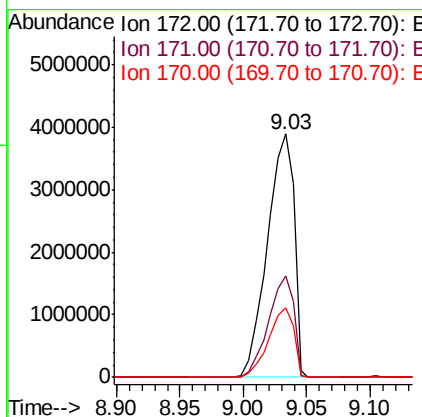
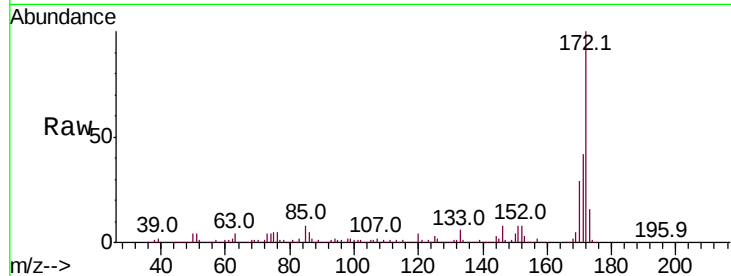
#45
2-Fluorobiphenyl
Concen: 137.250 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:172 Resp: 5676114
Ion Ratio Lower Upper
172 100
171 41.6 32.3 48.5
170 28.5 22.4 33.6

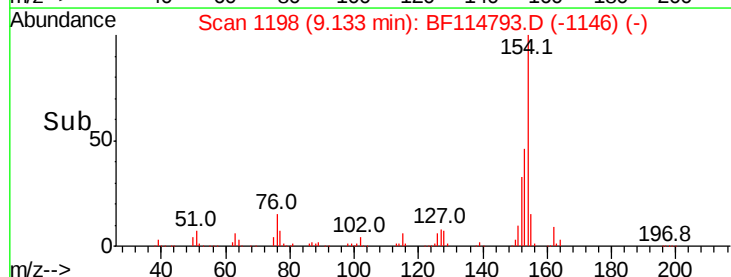
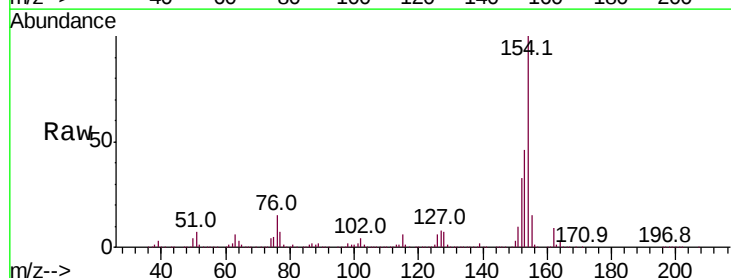
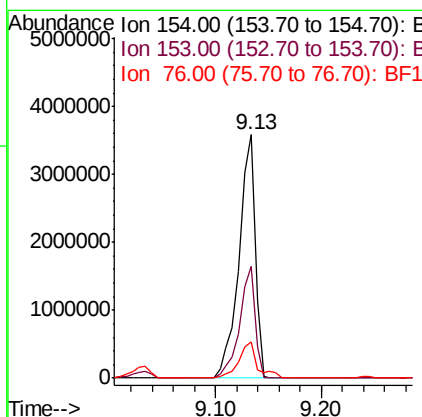
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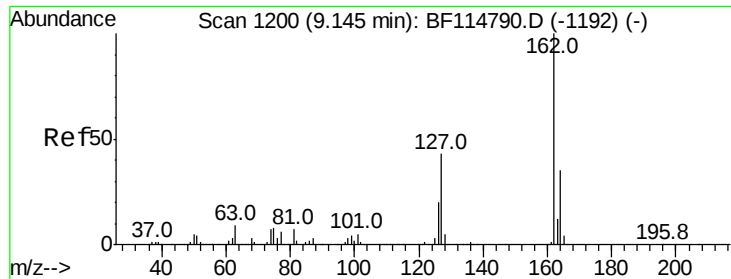
mohammad
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#46
1,1'-Biphenyl
Concen: 70.380 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion:154 Resp: 3767799
Ion Ratio Lower Upper
154 100
153 46.0 23.9 63.9
76 14.8 0.0 33.2





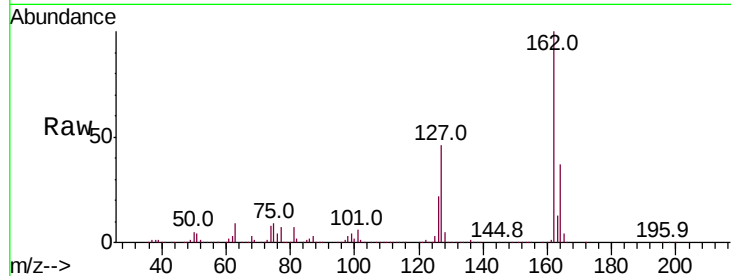
#47
2-Chloronaphthalene
Concen: 73.892 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

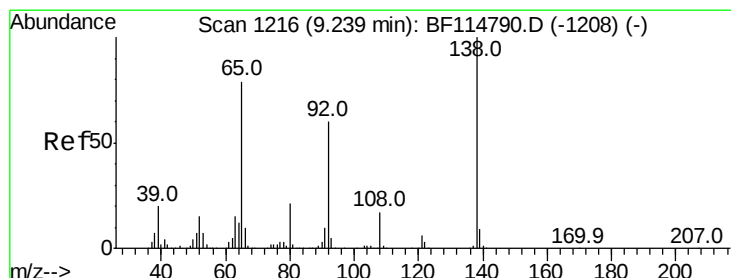
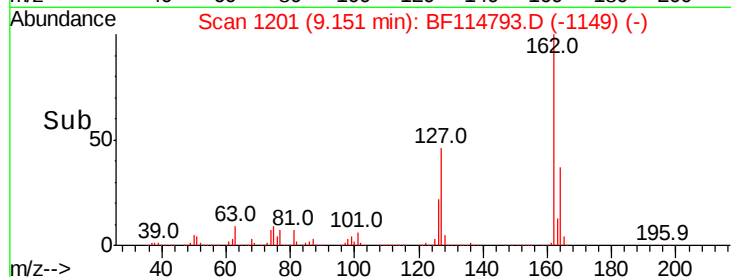
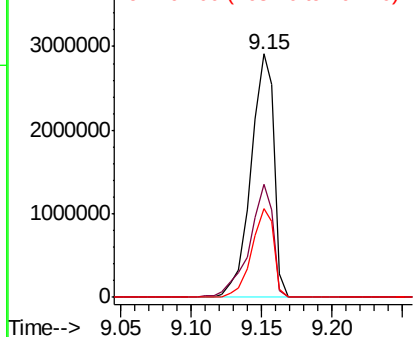
Tot Ion	Ratio	Lower	Upper
162	100		
127	46.4	34.6	51.8
164	36.6	27.8	41.8

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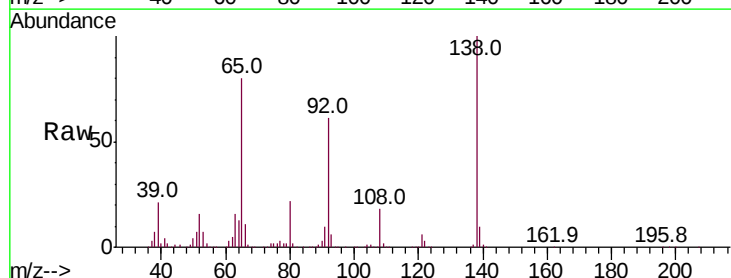


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

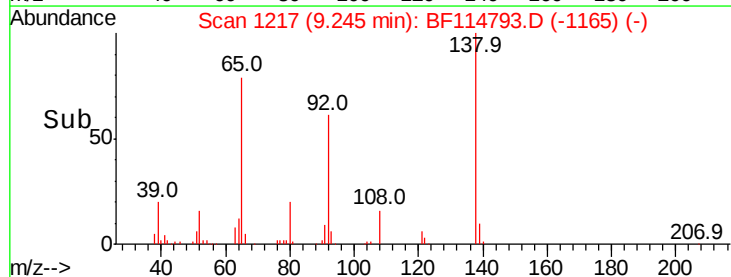
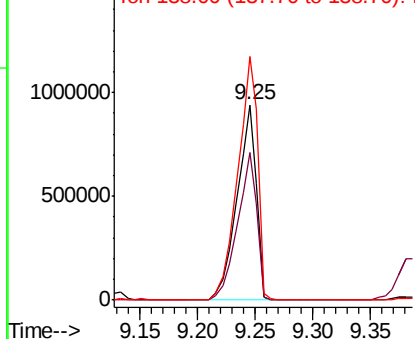


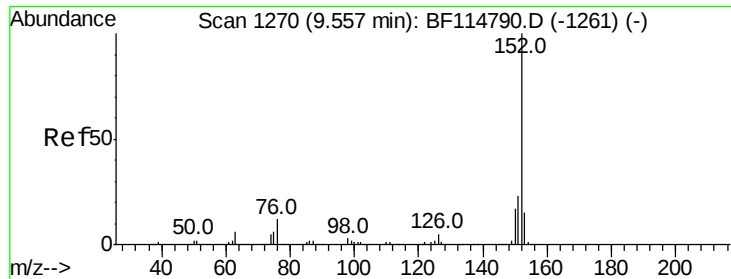
#48
2-Nitroaniline
Concen: 80.688 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	60.4	90.6
138	124.8	101.2	151.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





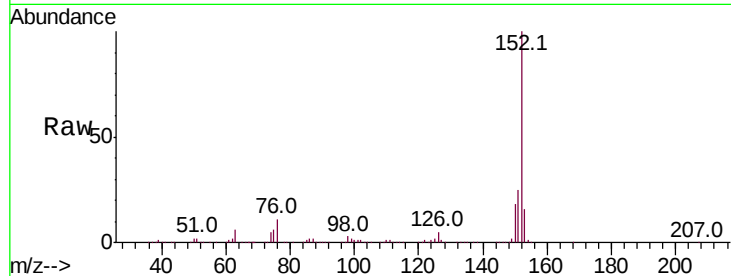
#49
Acenaphthylene
Concen: 70.784 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.8	18.3	27.5
153	16.2	12.3	18.5

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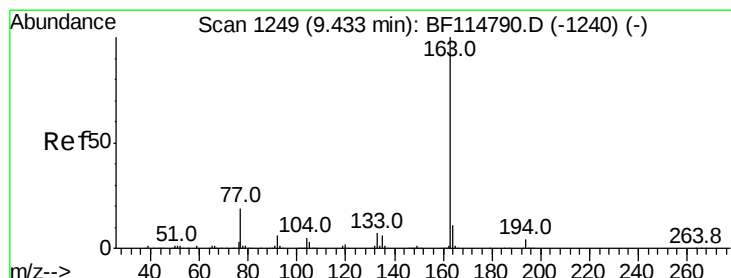
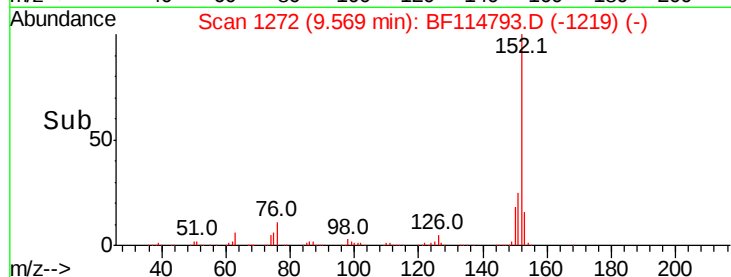
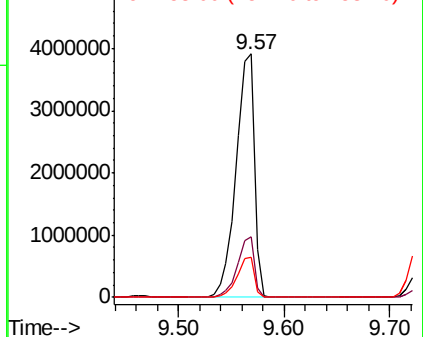


Abundance

Ion 152.00 (151.70 to 152.70): E

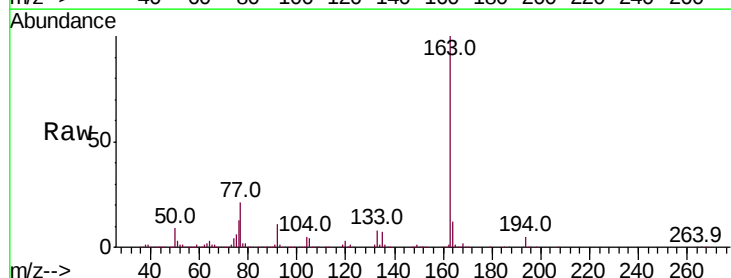
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 75.644 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	11.6	8.6	13.0

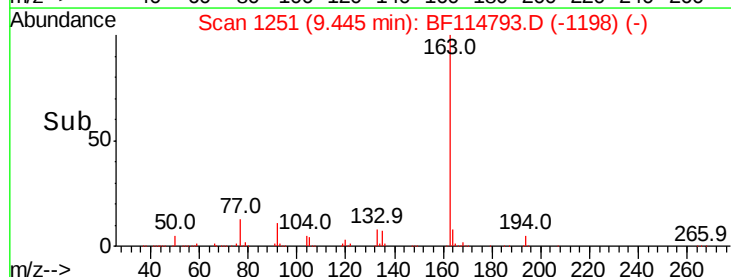
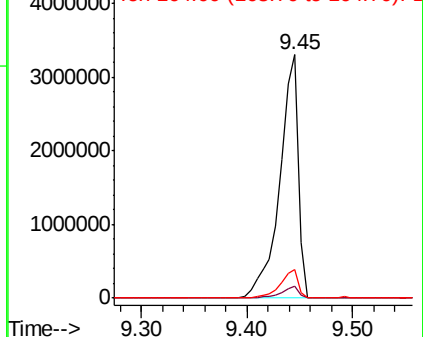


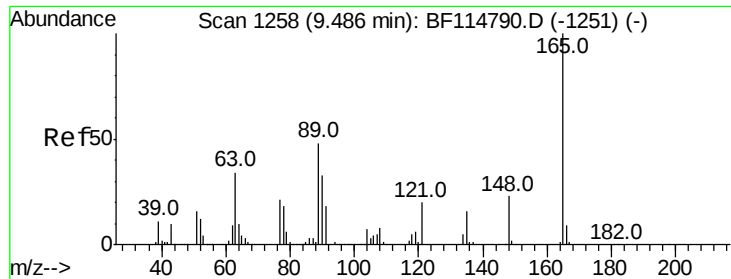
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 80.454 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:165 Resp: 988250
Ion Ratio Lower Upper

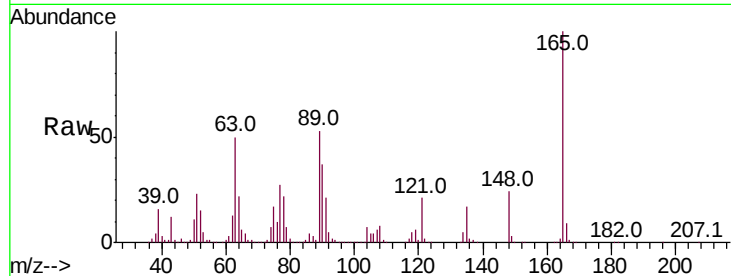
165 100

63 49.6 35.1 52.7

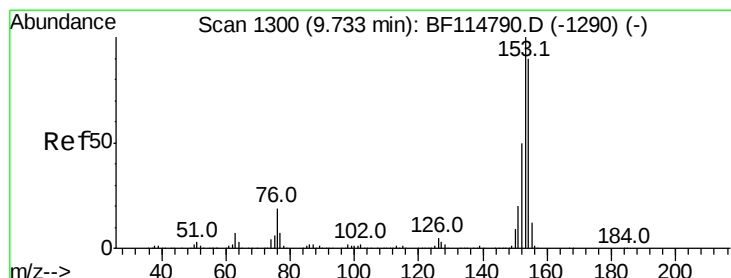
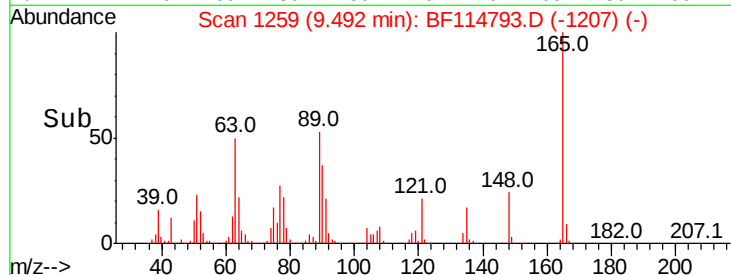
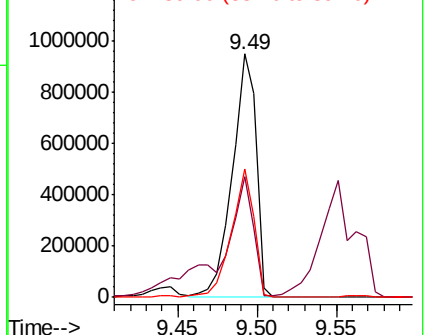
89 52.8 38.2 57.2

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 74.546 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF114793.D

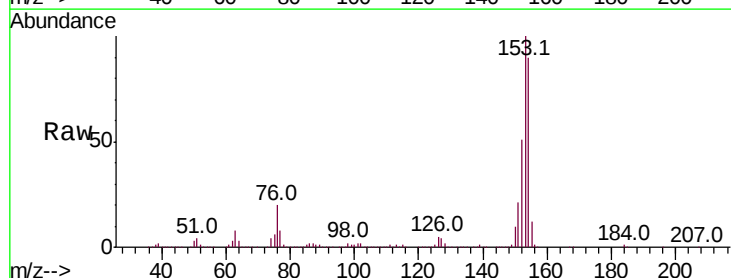
Acq: 4 Jun 2019 15:33

Tgt Ion:154 Resp: 3205099
Ion Ratio Lower Upper

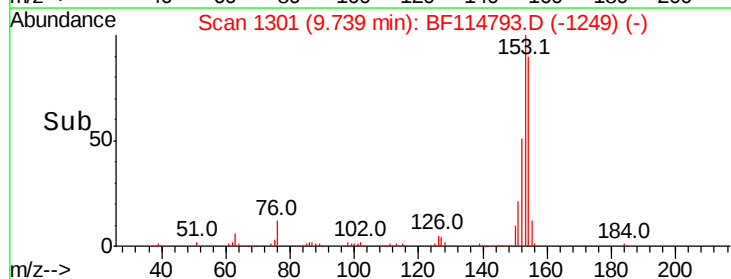
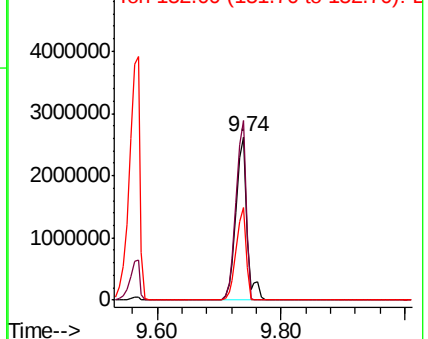
154 100

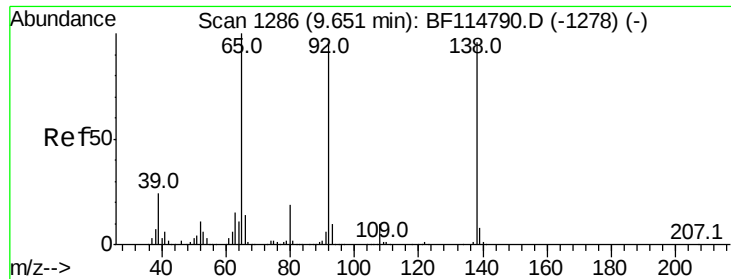
153 110.5 88.5 132.7

152 56.6 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 80.461 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:138 Resp: 1154101

Ion Ratio Lower Upper

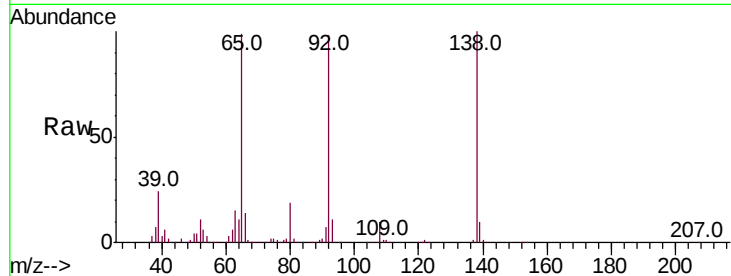
138 100

108 9.6 7.9 11.9

92 97.7 79.9 119.9

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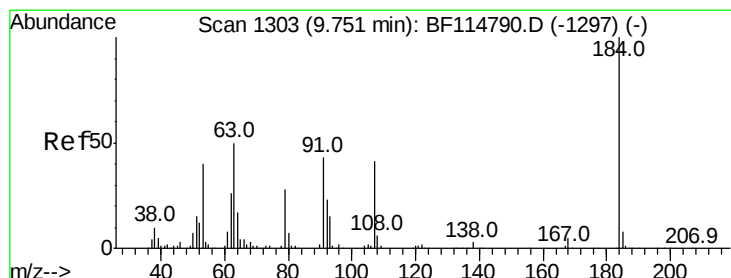
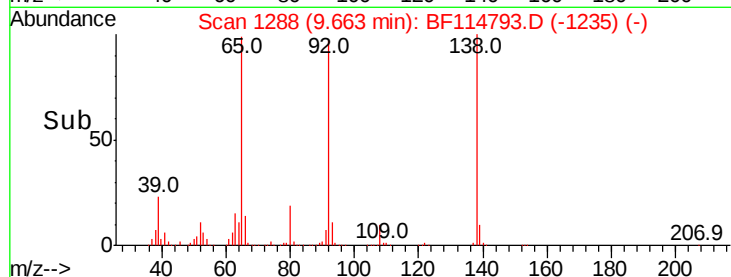
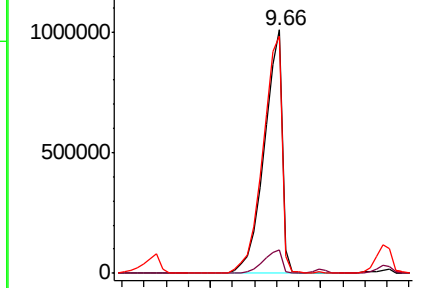
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 93.233 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

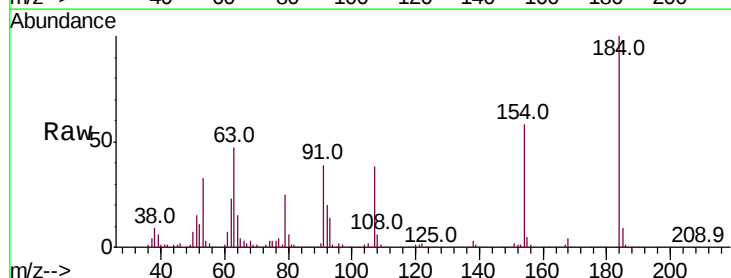
Tgt Ion:184 Resp: 516368

Ion Ratio Lower Upper

184 100

63 47.0 44.1 66.1

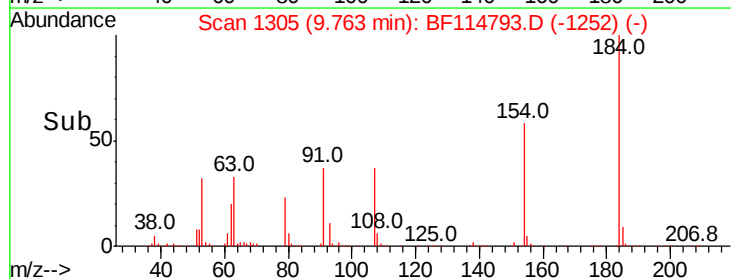
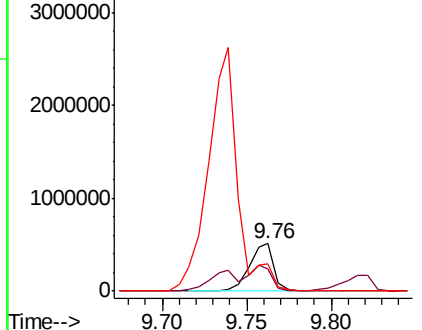
154 58.0 48.1 72.1

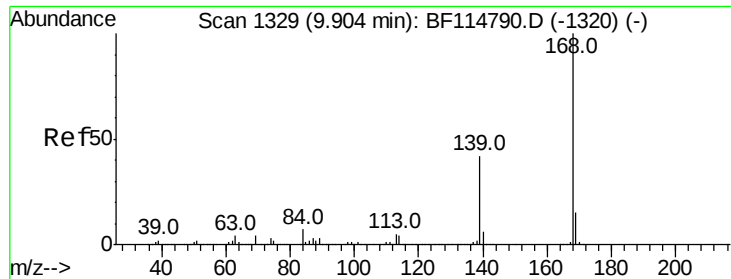


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





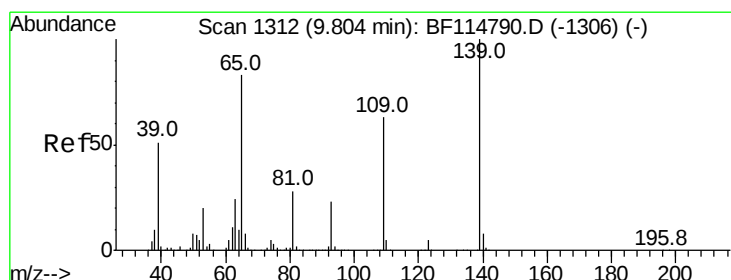
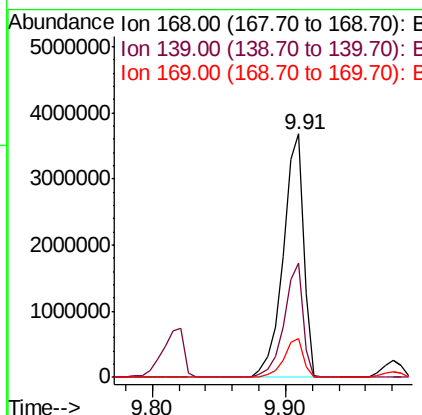
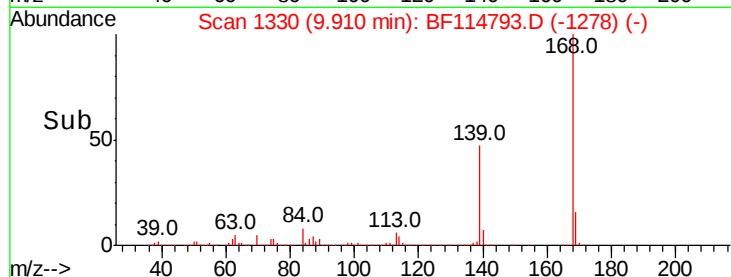
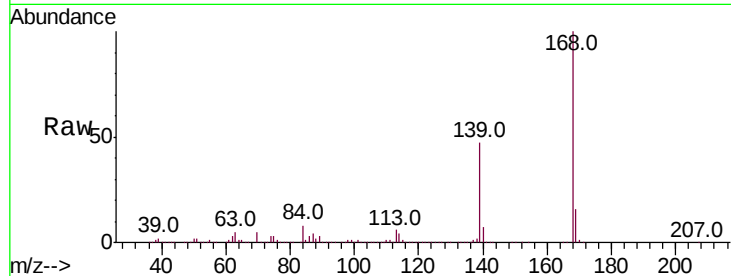
#55
Dibenzofuran
Concen: 69.661 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	46.9	33.8	50.6
169	16.2	11.9	17.9

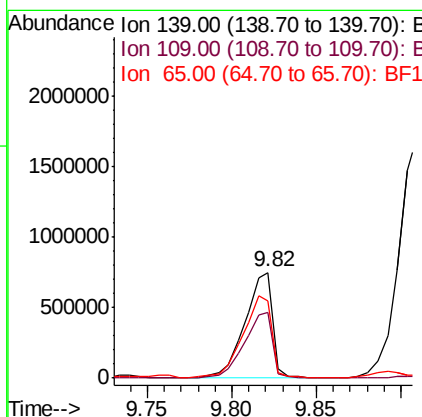
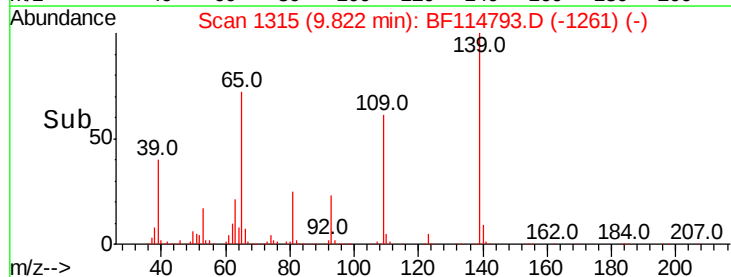
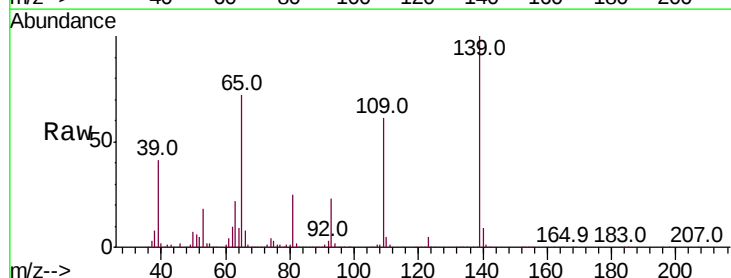
Manual Integrations
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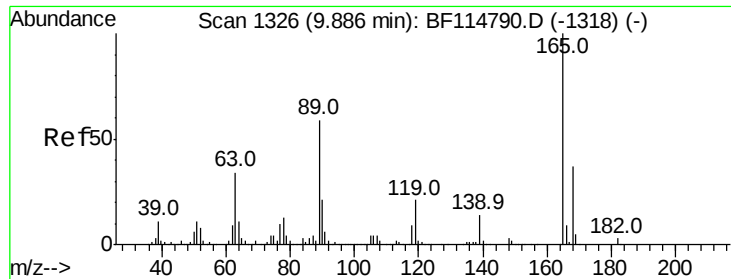
mohammad
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#56
4-Nitrophenol
Concen: 82.991 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.4	43.5	83.5
65	72.3	63.2	103.2





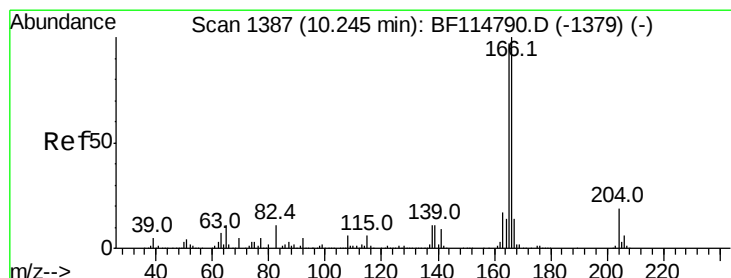
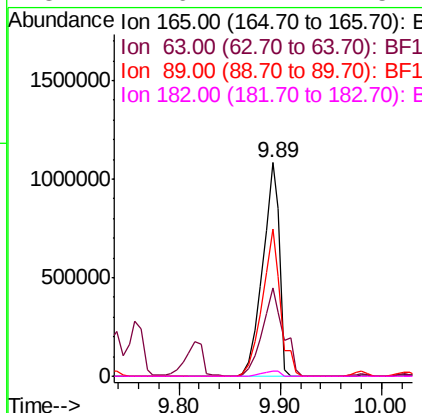
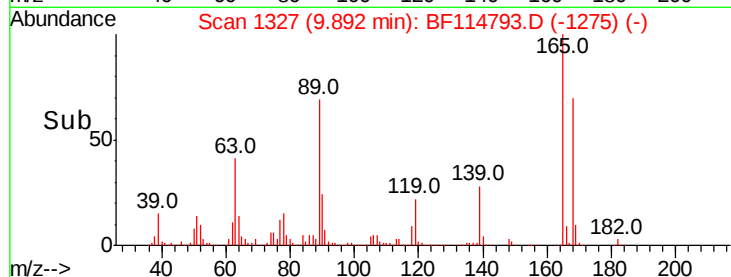
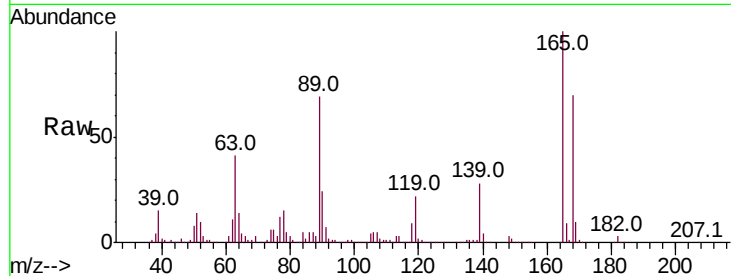
#57
 2,4-Dinitrotoluene
 Concen: 79.794 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	27.0	40.4#
89	68.8	47.0	70.6
182	2.6	2.2	3.2

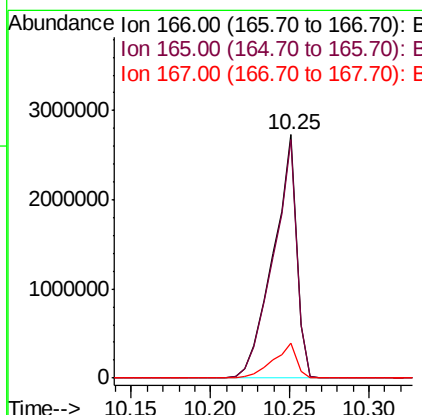
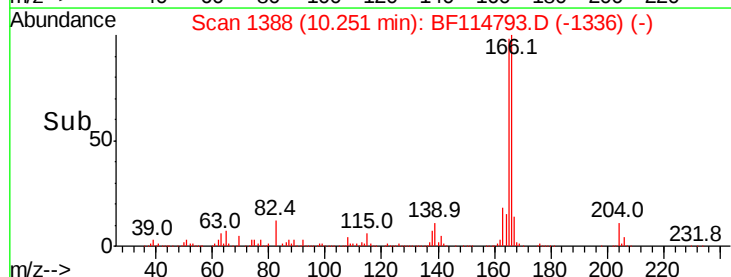
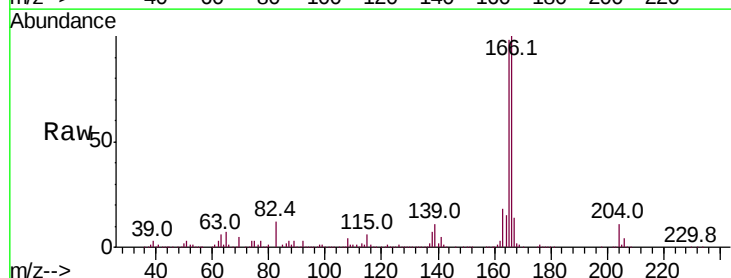
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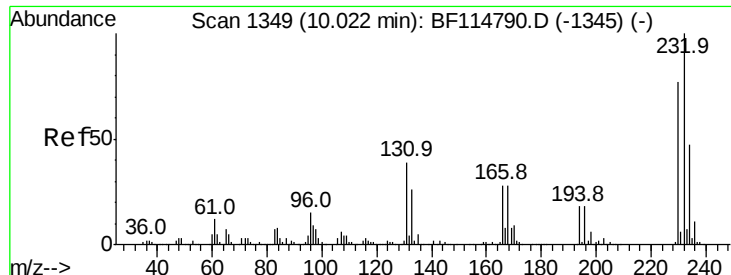
mohammad
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#58
 Fluorene
 Concen: 68.660 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	14.3	11.3	16.9





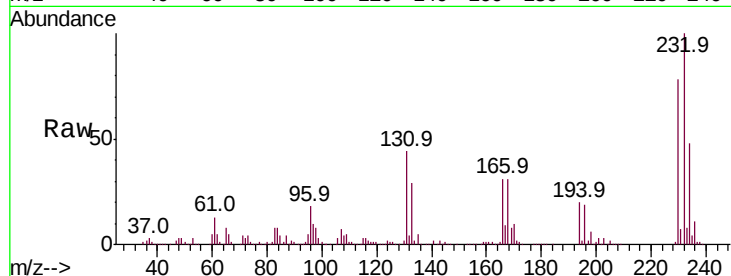
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 78.829 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	36.8	55.2
130	2.3	1.8	2.6
166	31.9	24.6	37.0

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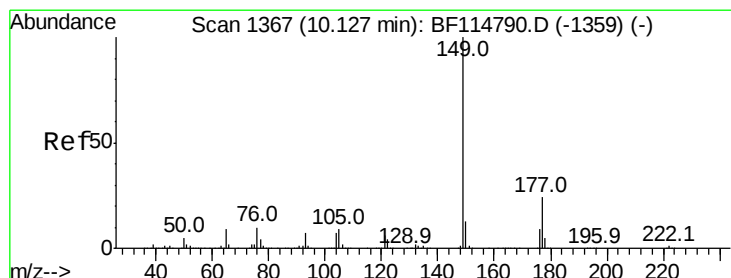
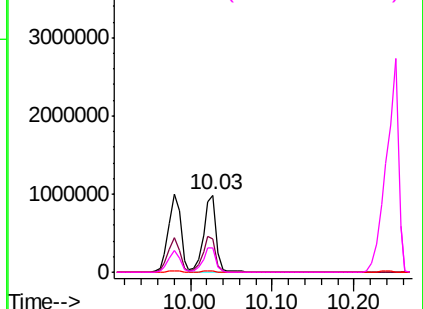
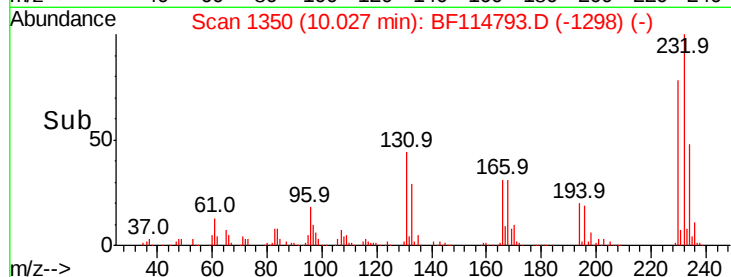
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

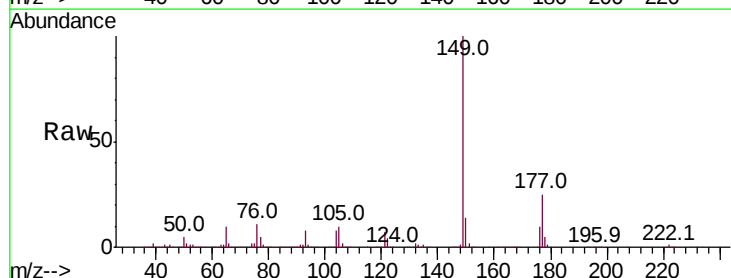
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 75.997 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	19.3	28.9
150	14.3	10.7	16.1

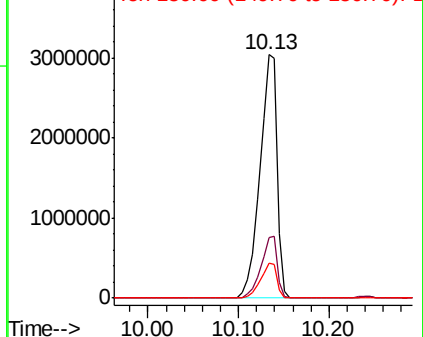
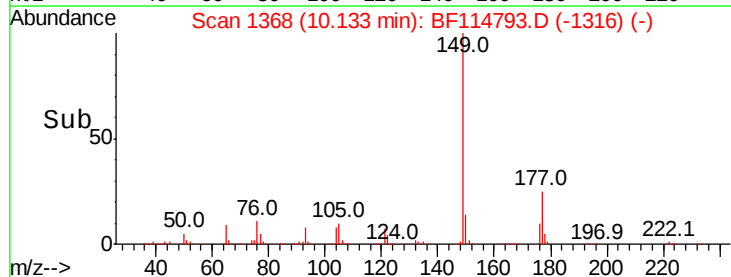


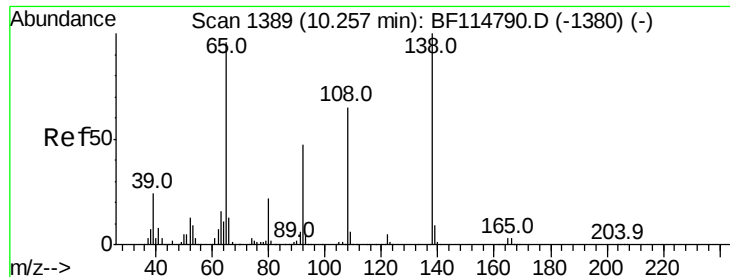
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

4-Nitroaniline

Concen: 81.448 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:138 Resp: 1132169

Ion Ratio Lower Upper

138 100

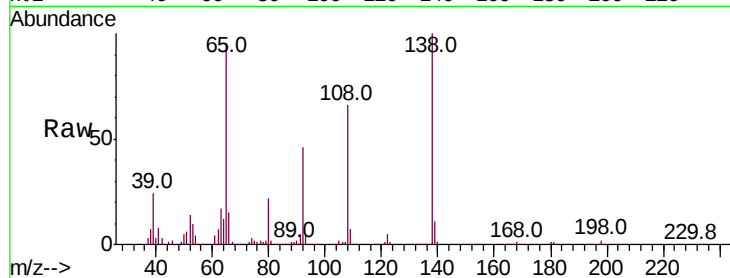
92 45.8 26.5 66.5

108 66.0 45.4 85.4

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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

10.27

800000

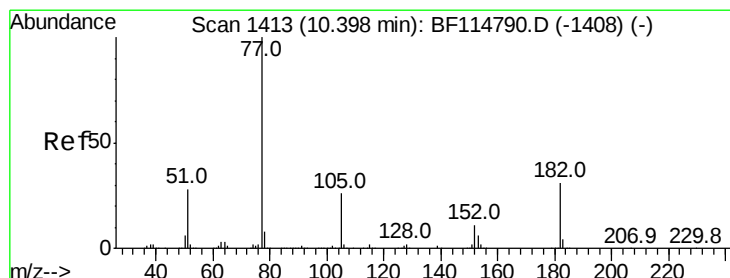
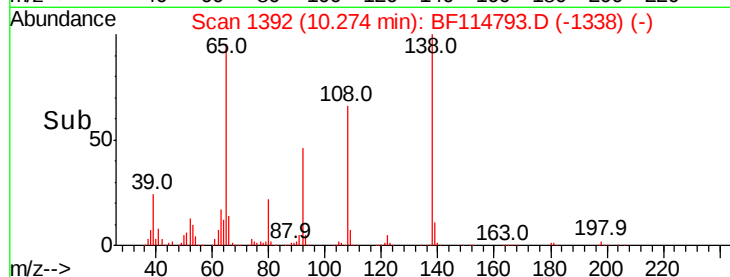
600000

400000

200000

0

Time--> 10.10 10.20 10.30



#63

Azobenzene

Concen: 73.149 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tgt Ion: 77 Resp: 3281949

Ion Ratio Lower Upper

77 100

182 32.7 11.2 51.2

105 27.0 5.7 45.7

51 29.7 8.0 48.0

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

5000000

4000000

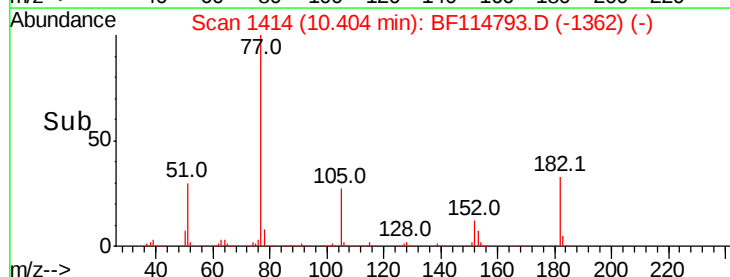
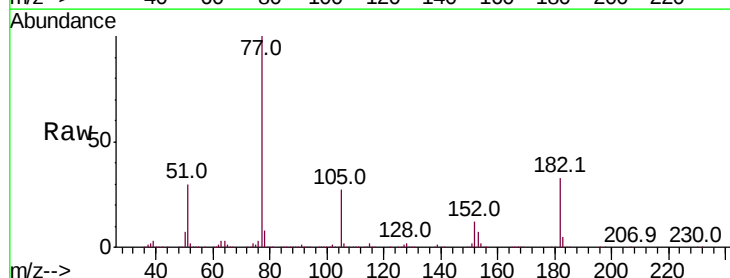
3000000

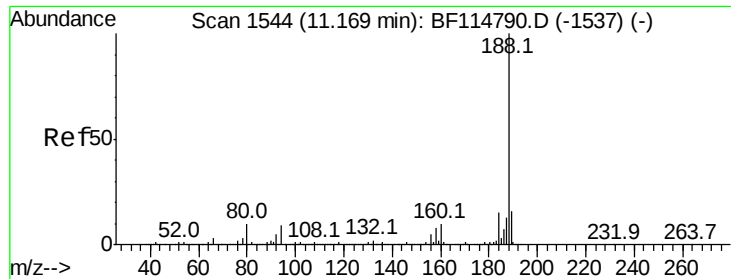
2000000

1000000

0

Time--> 10.35 10.40 10.45





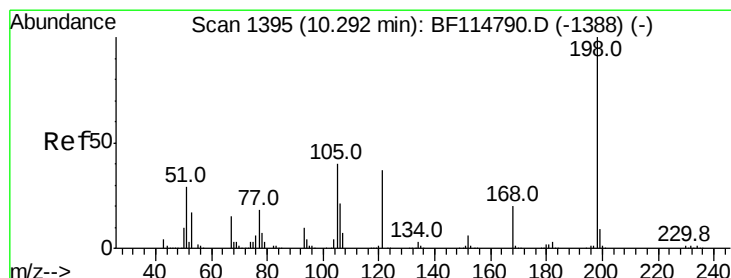
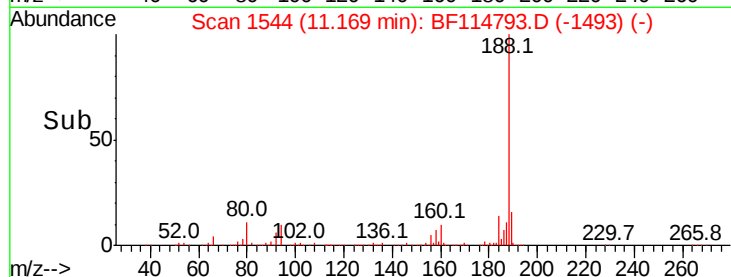
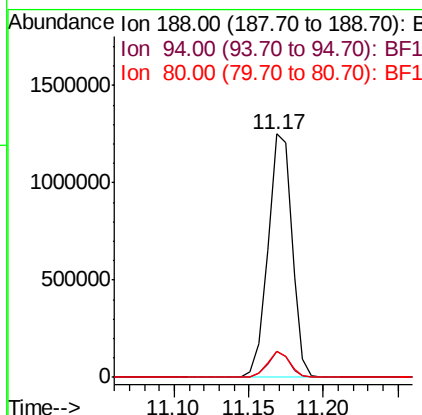
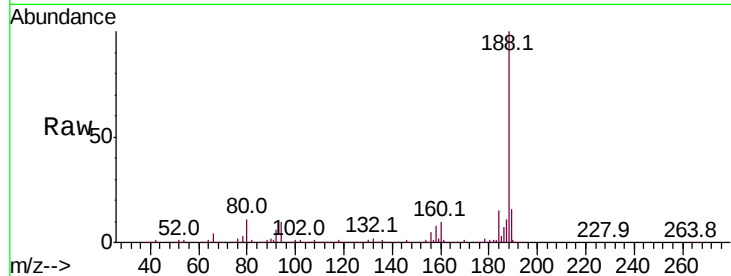
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.6	11.4
80	10.6	8.3	12.5

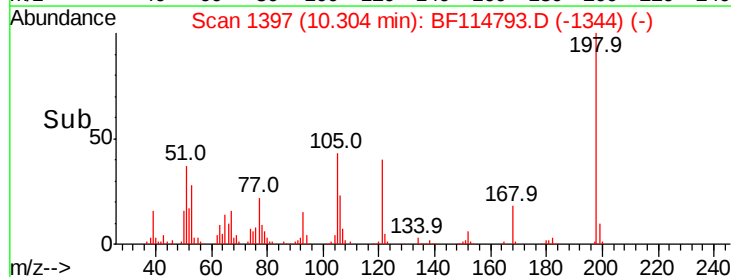
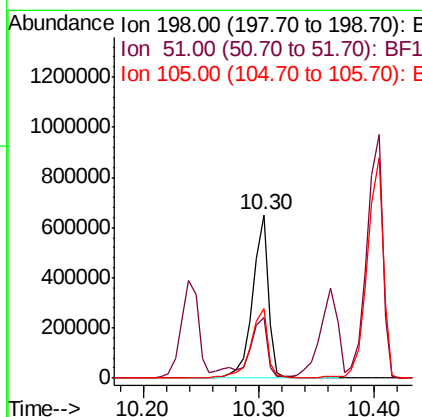
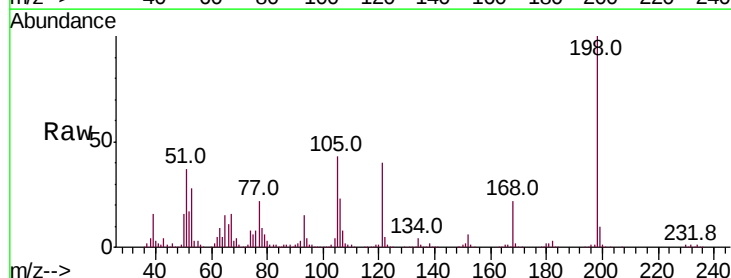
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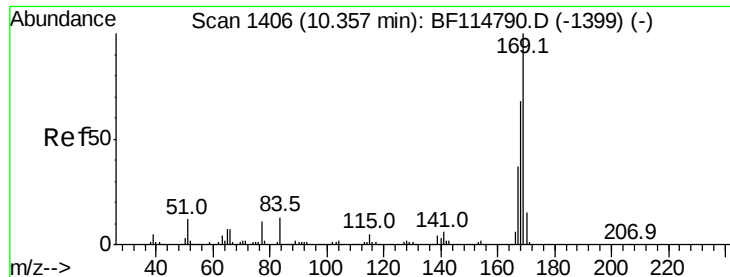
mohammad
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#65
4,6-Dinitro-2-methylphenol
Concen: 87.296 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.9	14.9	54.9
105	42.6	21.0	61.0





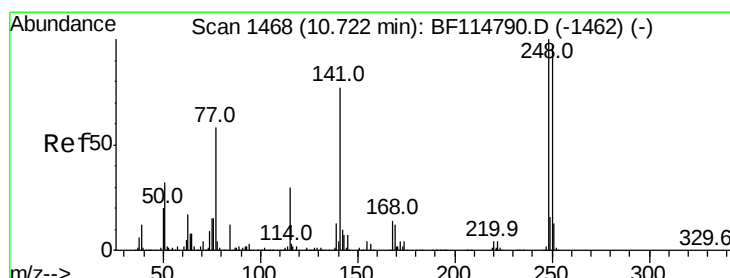
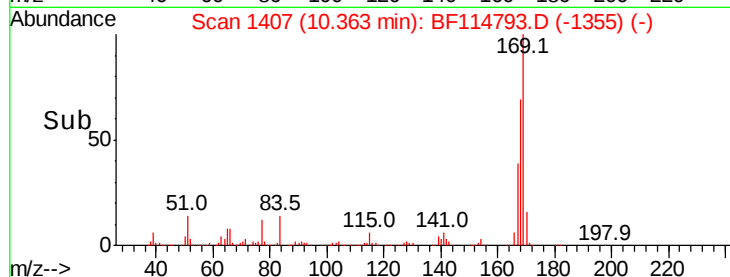
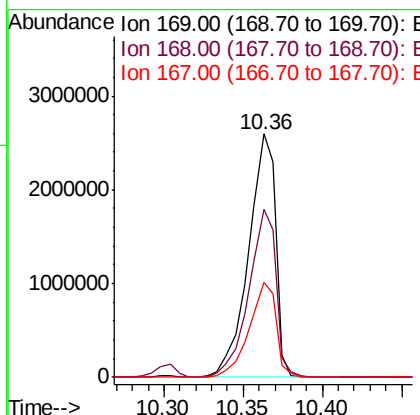
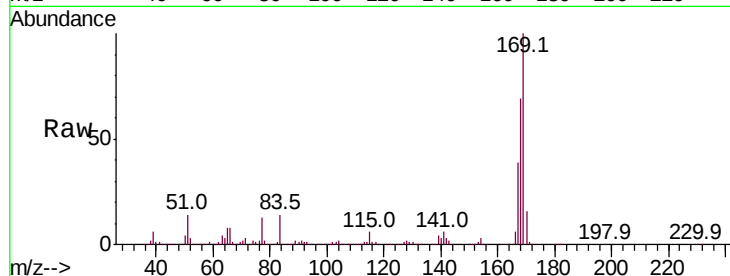
#66
n-Nitrosodiphenylamine
Concen: 74.706 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	54.3	81.5
167	39.3	29.9	44.9

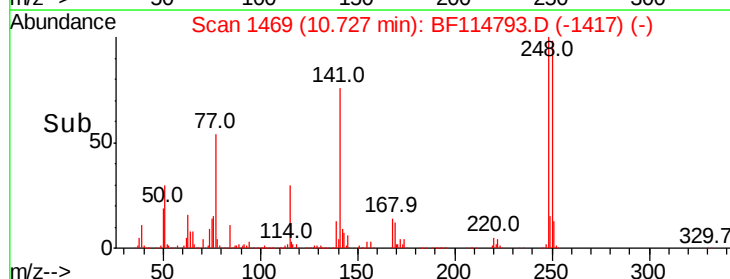
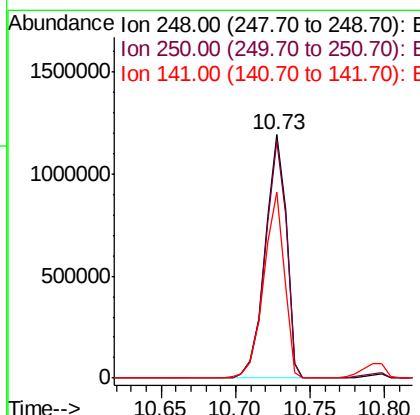
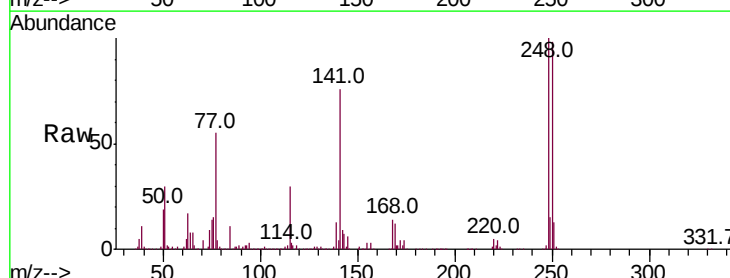
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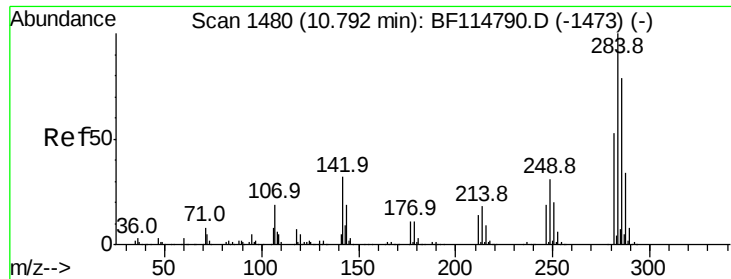
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#67
4-Bromophenyl-phenylether
Concen: 75.083 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.5	116.3
141	76.4	61.8	92.8





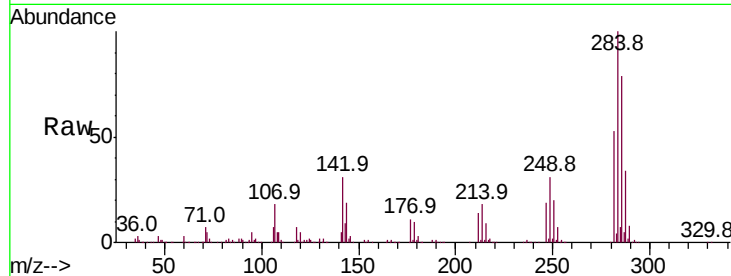
#68
Hexachlorobenzene
Concen: 75.185 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

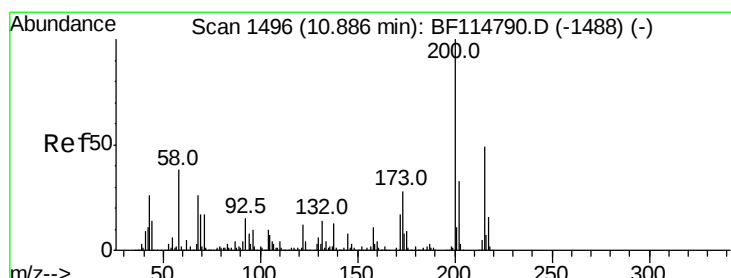
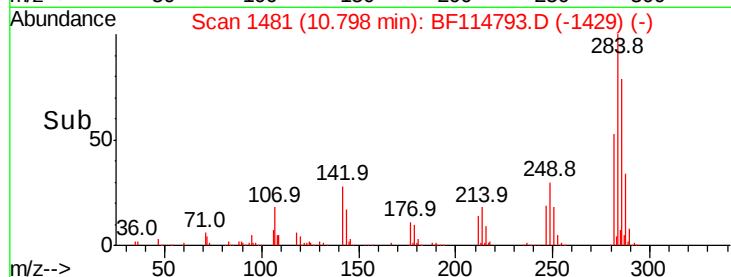
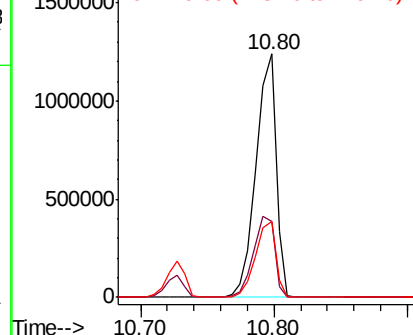
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.3	37.9
249	31.3	24.9	37.3

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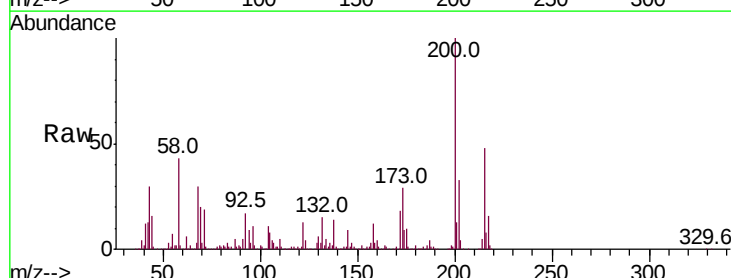


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

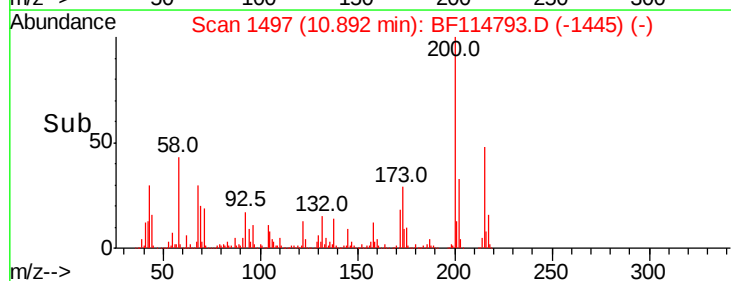
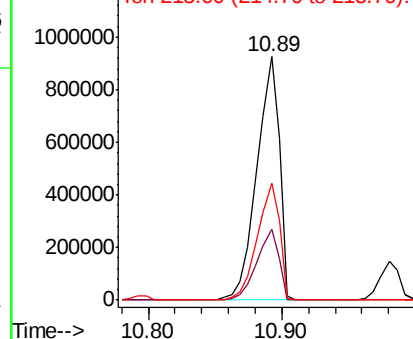


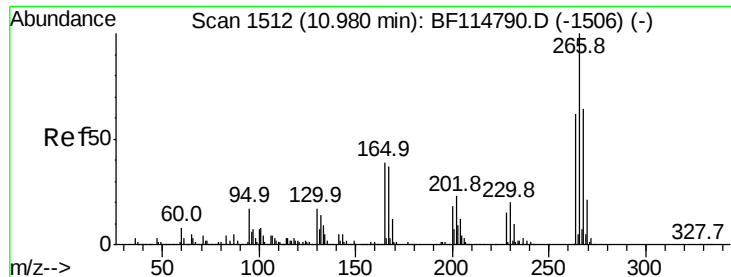
#69
Atrazine
Concen: 73.950 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	8.0	48.0
215	47.9	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 81.266 ng

RT: 10.98 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

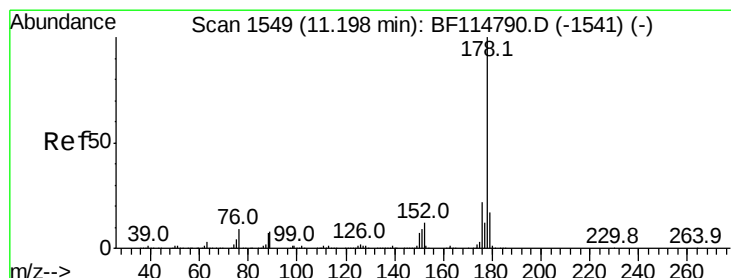
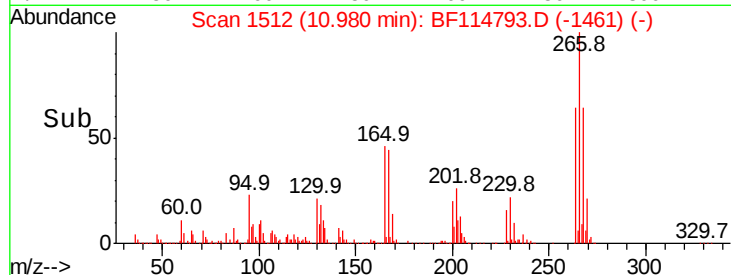
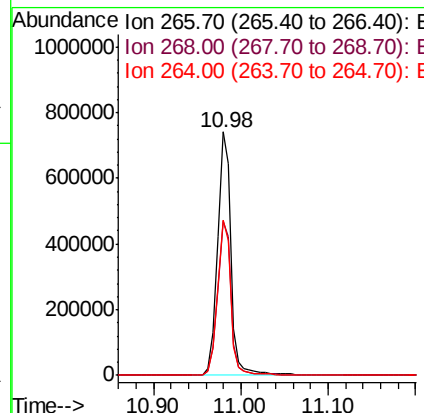
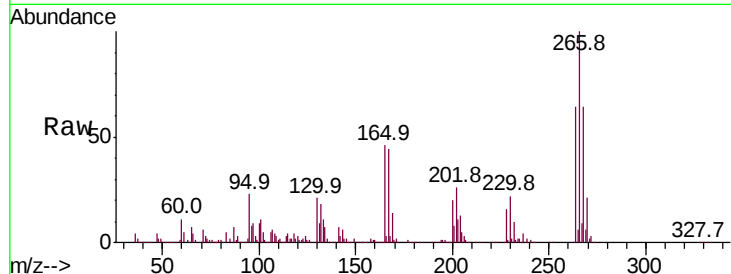
ClientSampleId :

SSTDIC080

Tot Ion:	266	Resp:	795334
Ion Ratio	Lower	Upper	
266	100		
268	63.5	51.0	76.6
264	63.8	49.6	74.4

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#71

Phenanthrene

Concen: 70.244 ng

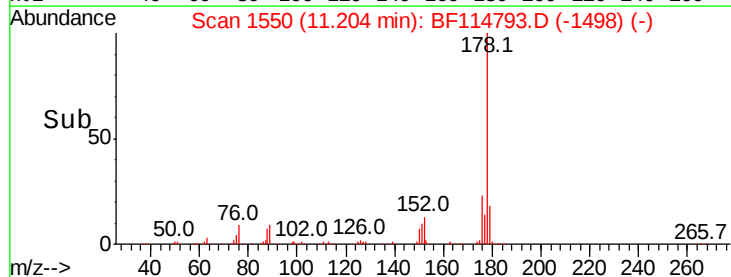
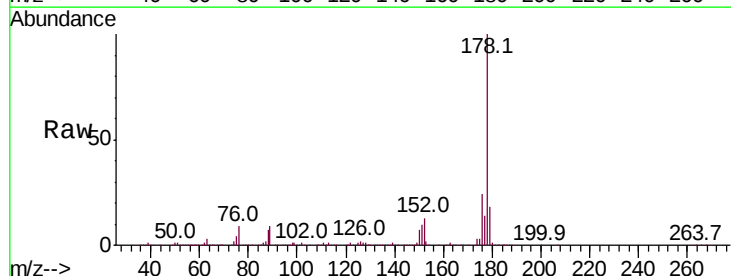
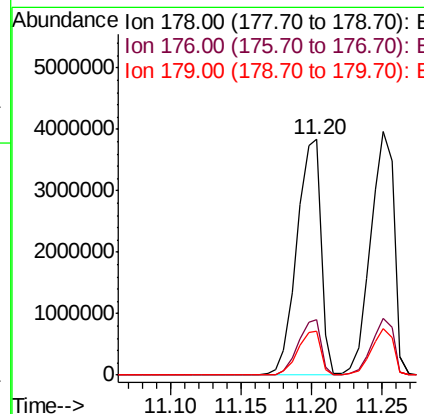
RT: 11.20 min Scan# 1550

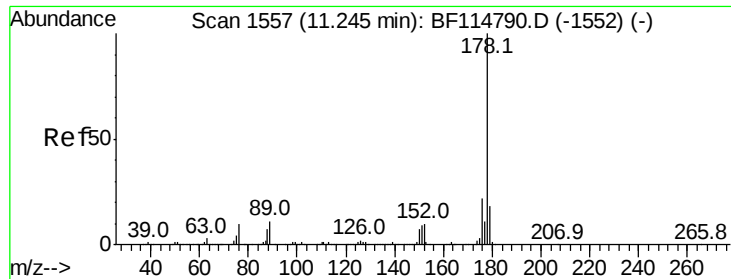
Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tgt Ion:	178	Resp:	4564104
Ion Ratio	Lower	Upper	
178	100		
176	23.6	17.7	26.5
179	18.5	13.7	20.5





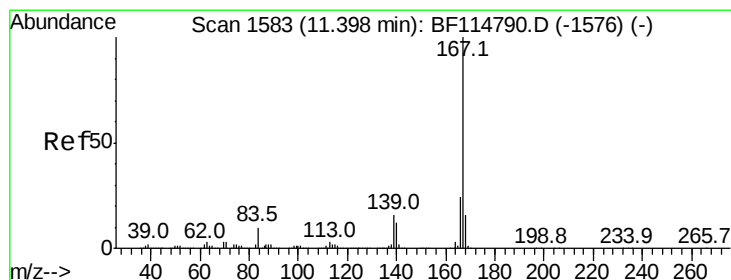
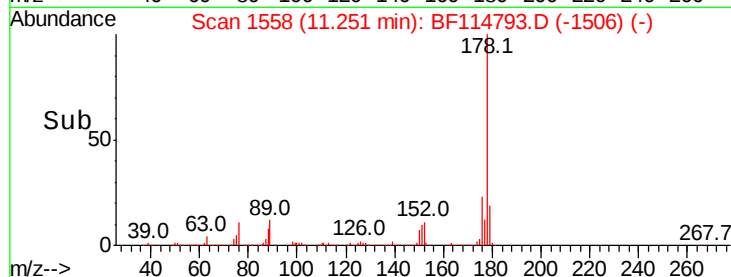
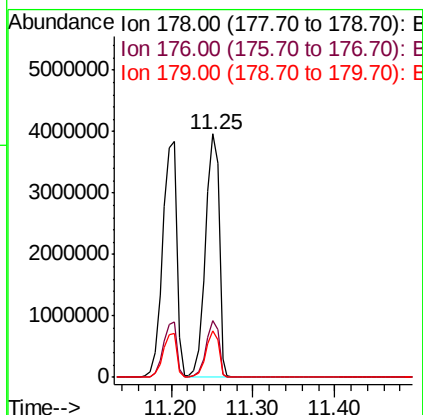
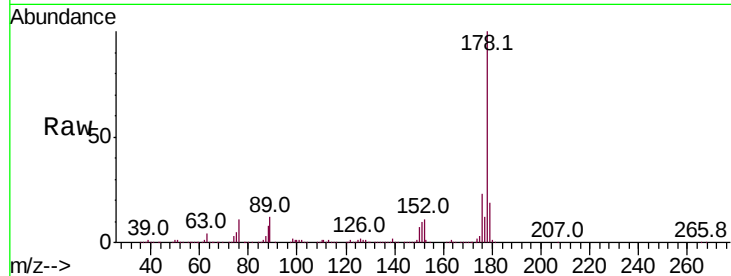
#72
 Anthracene
 Concen: 69.575 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 4585279
 Ion Ratio Lower Upper
 178 100
 176 23.2 17.4 26.0
 179 19.0 14.2 21.4

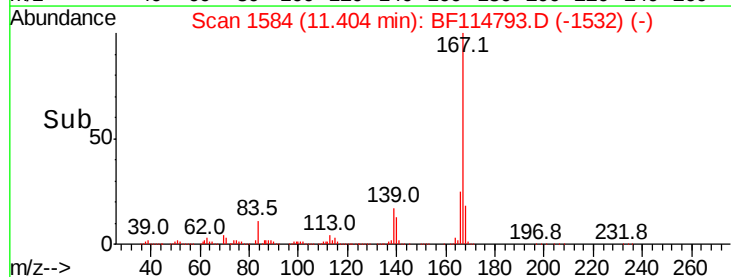
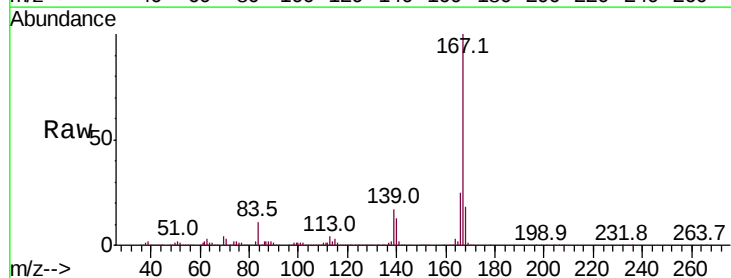
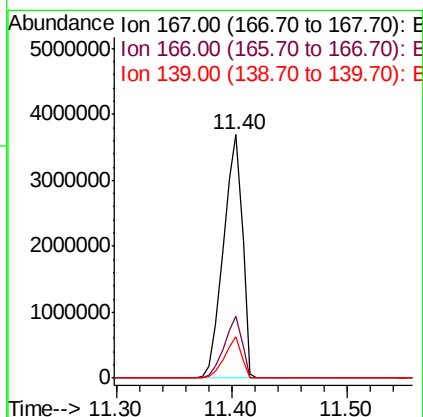
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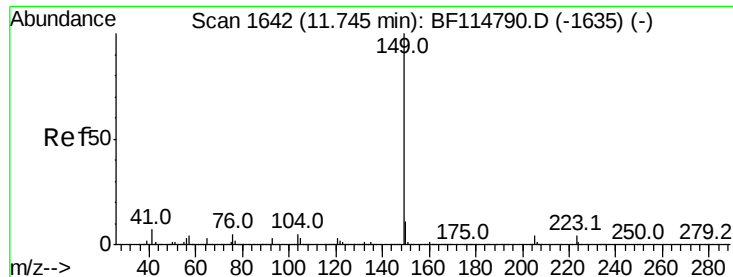
mohammad
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#73
 Carbazole
 Concen: 71.164 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Tgt Ion:167 Resp: 4183468
 Ion Ratio Lower Upper
 167 100
 166 25.4 19.1 28.7
 139 17.0 12.4 18.6





#74

Di-n-butylphthalate

Concen: 68.007 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

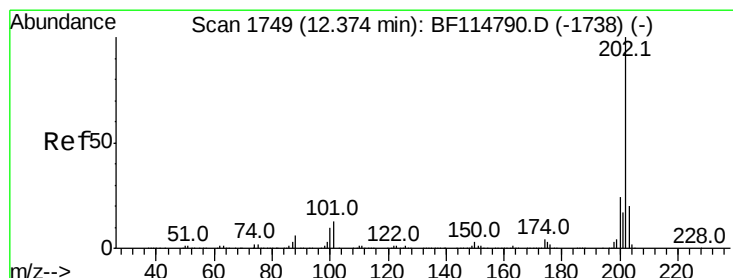
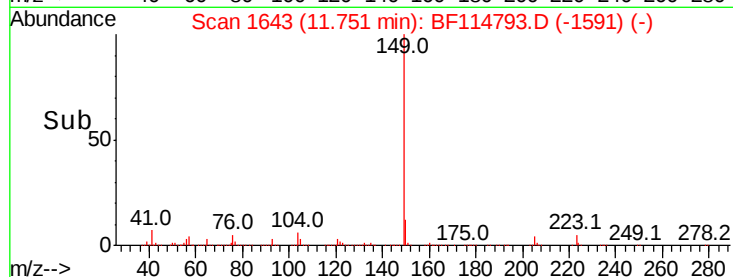
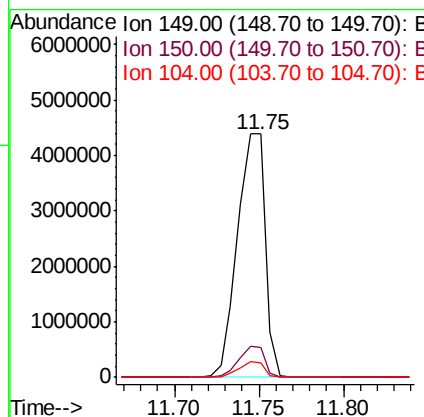
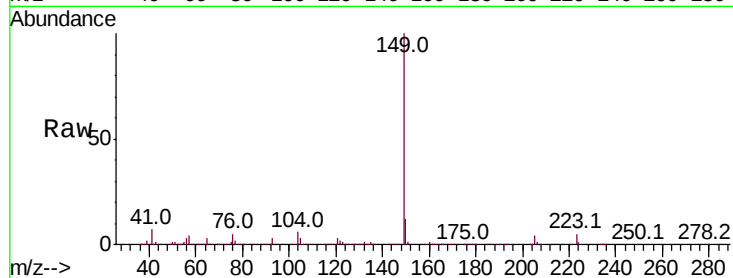
ClientSampleId :

SSTDIC080

Tot Ion:	149	Resp:	5034811
Ion	Ratio	Lower	Upper
149	100		
150	12.1	8.9	13.3
104	5.9	4.3	6.5

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#75

Fluoranthene

Concen: 70.388 ng

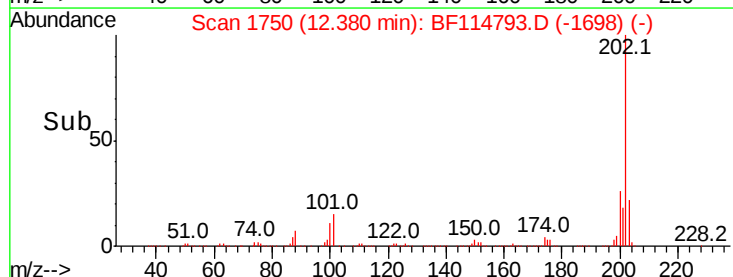
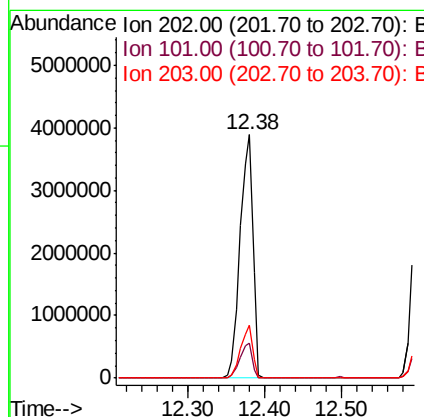
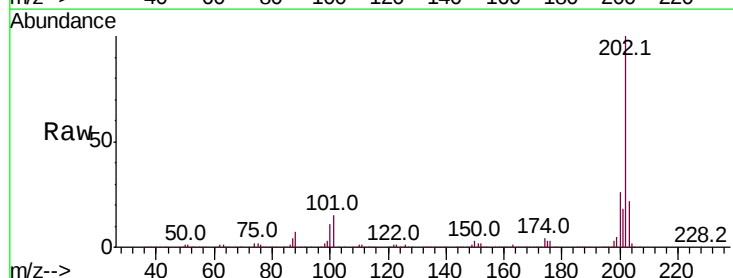
RT: 12.38 min Scan# 1750

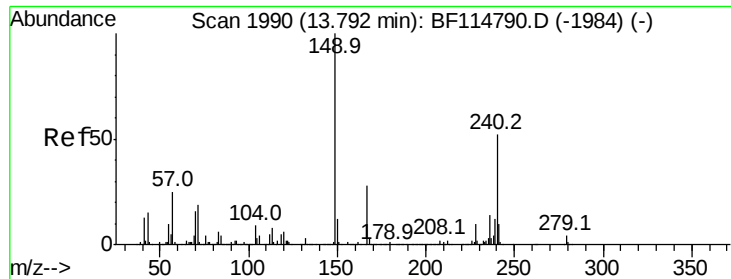
Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Tgt Ion:	202	Resp:	4587332
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	32.8
203	21.6	0.2	40.2





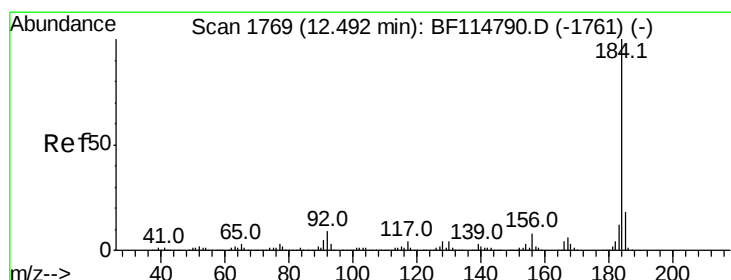
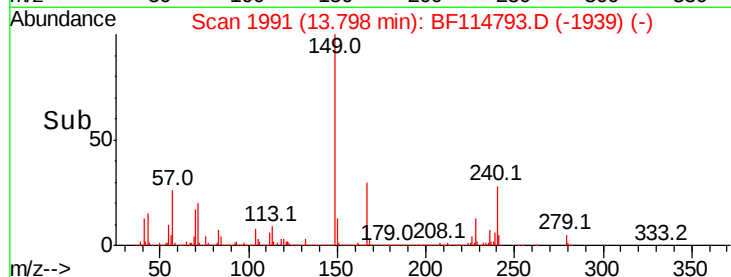
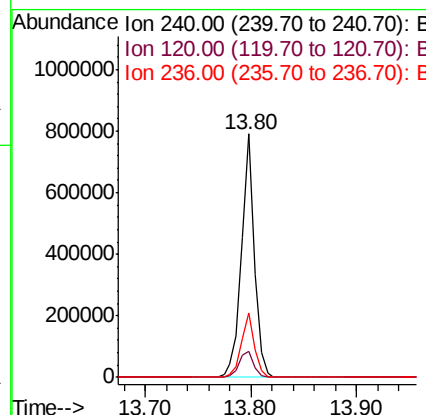
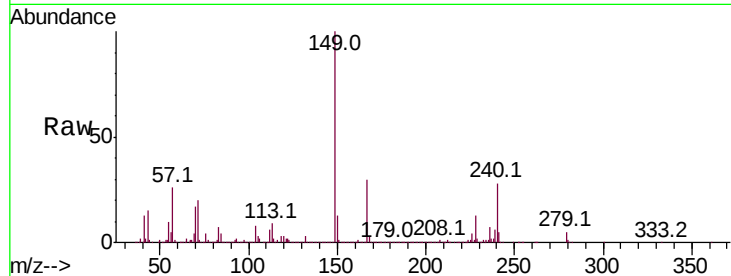
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	26.7	21.4	32.0

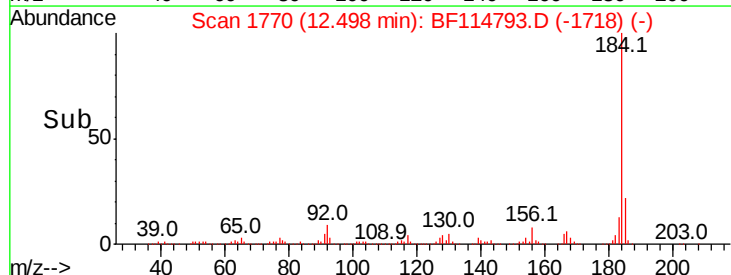
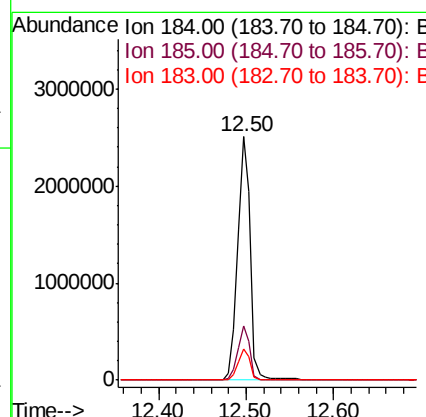
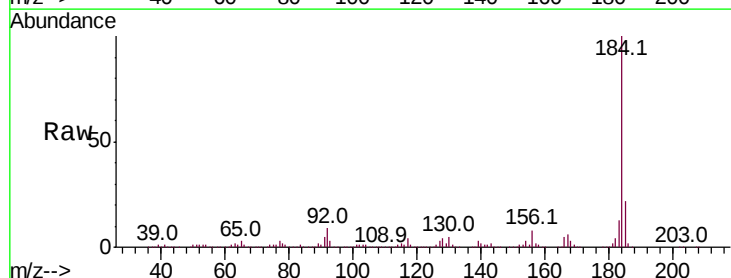
Manual Integrations
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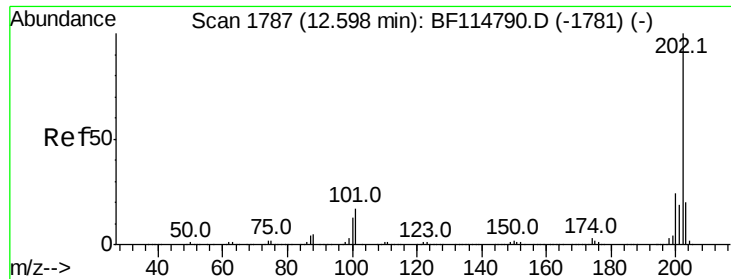
mohammad
6/5/2019 3:40:45 PM



#77
Benzidine
Concen: 77.261 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	22.0	14.1	21.1
183	12.9	9.9	14.9





#78

Pvrene

Concen: 82.959 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

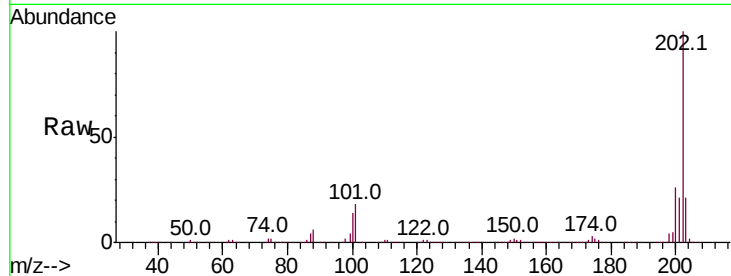
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.8	19.2	28.8
203	21.2	15.9	23.9

Manual Integrations
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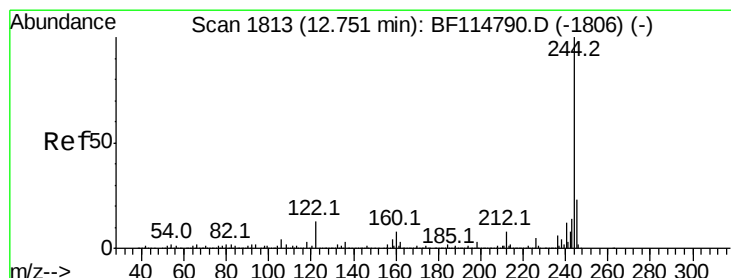
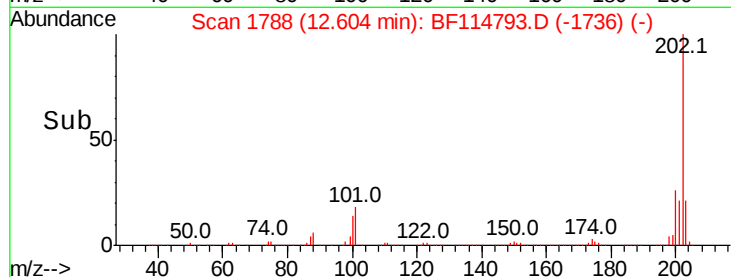
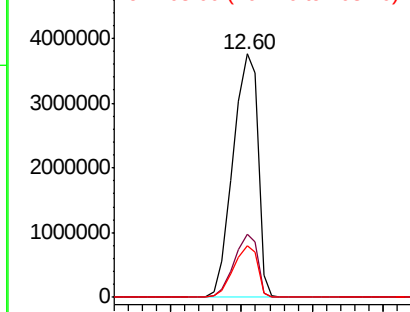


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 156.850 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

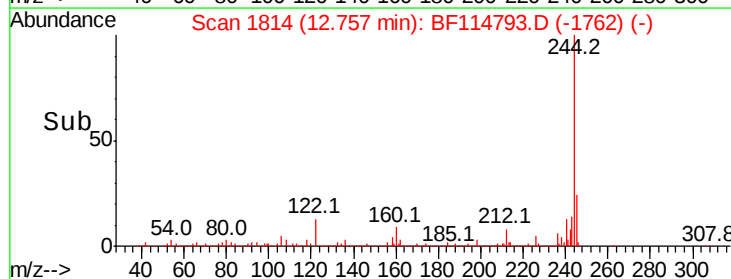
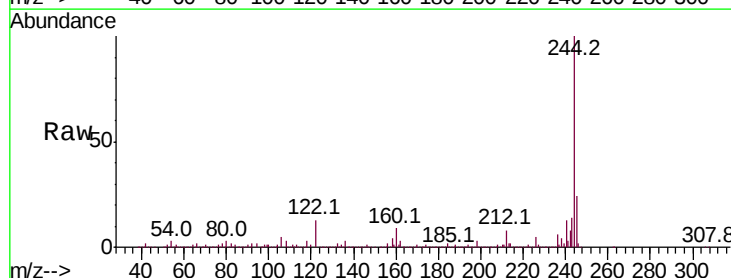
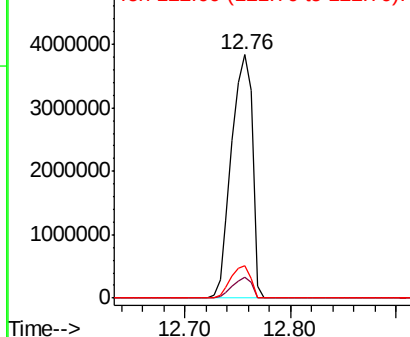
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	13.2	10.5	15.7

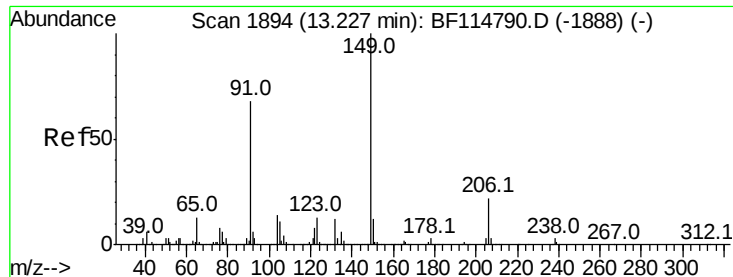
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





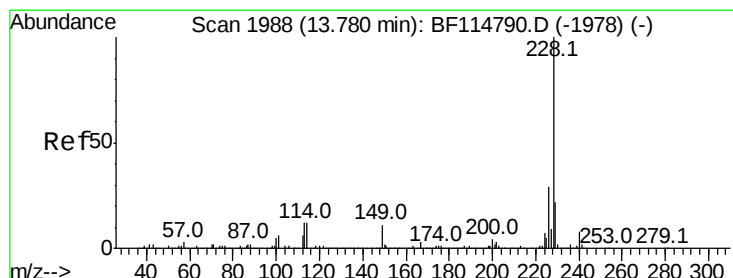
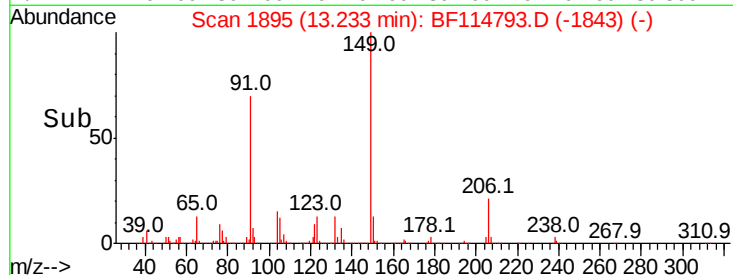
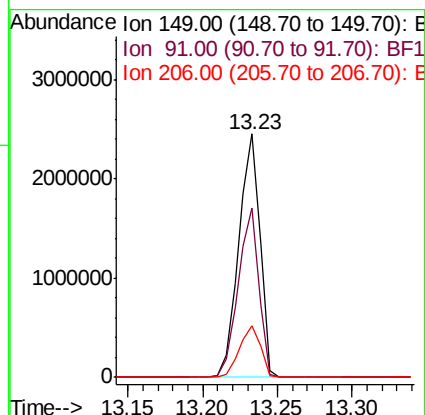
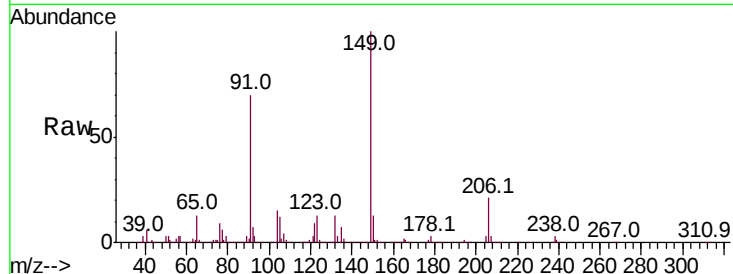
#80
Butylbenzylphthalate
Concen: 86.824 ng
RT: 13.23 min Scan# 1895
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	54.6	82.0
206	21.4	17.2	25.8

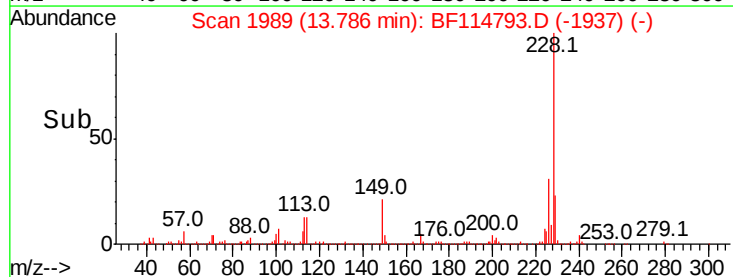
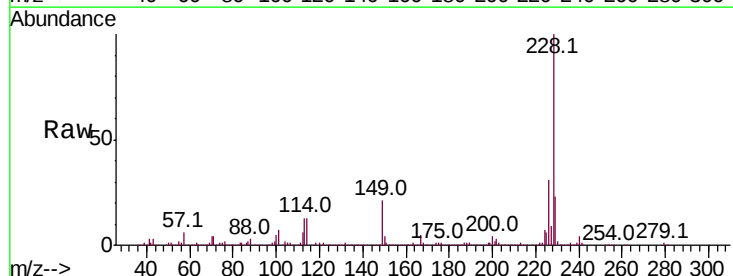
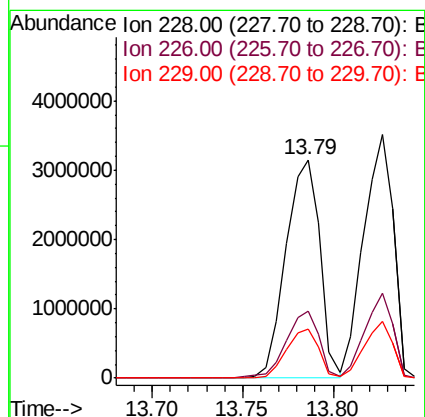
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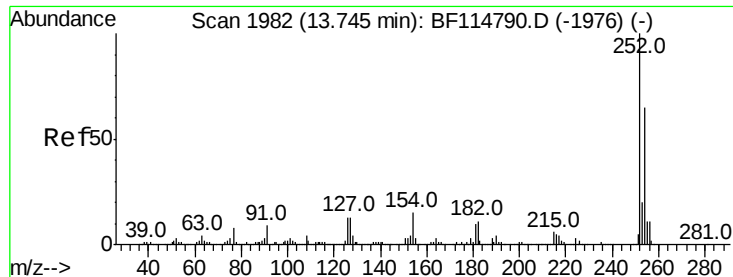
mohammad
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#81
Benzo(a)anthracene
Concen: 83.077 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.6	17.4	26.0





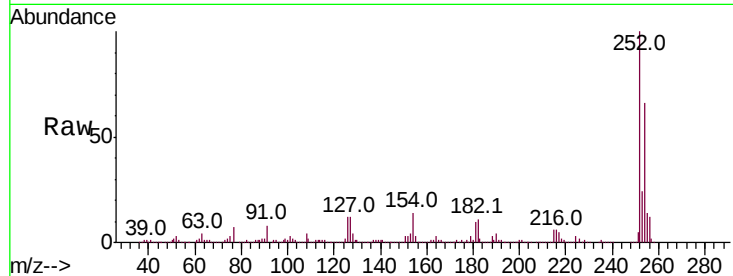
#82
 3,3'-Dichlorobenzidine
 Concen: 84.570 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.9	77.9
126	12.3	10.5	15.7

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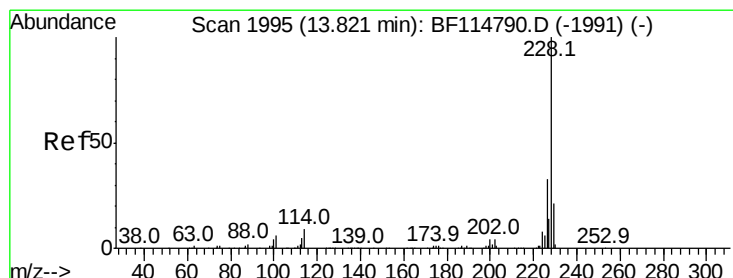
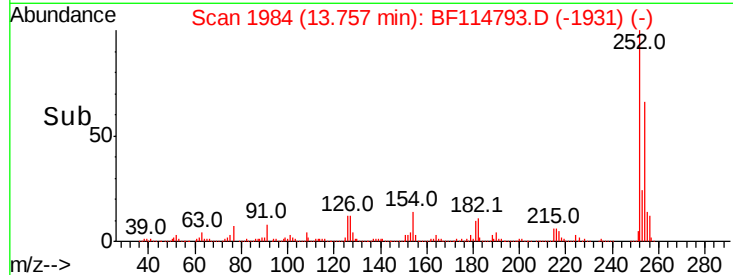
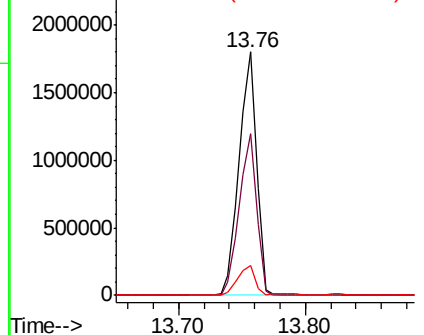


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 83.767 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

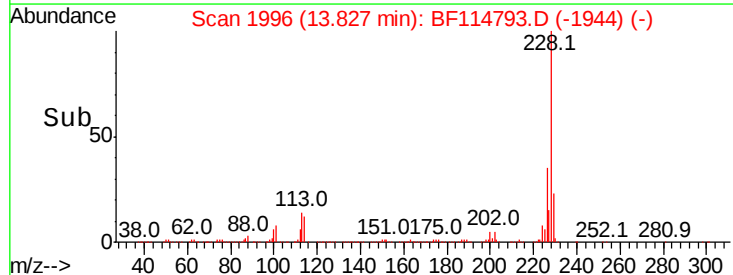
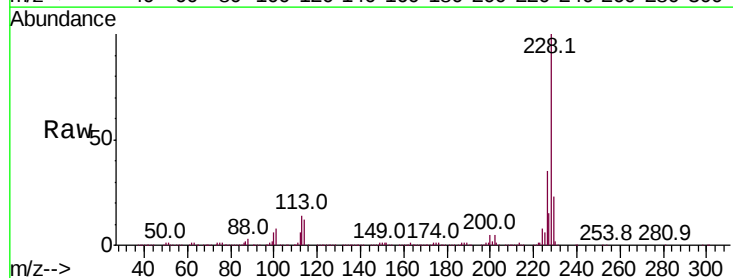
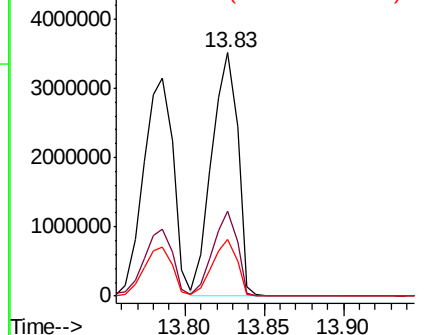
Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	26.0	39.0
229	23.1	17.1	25.7

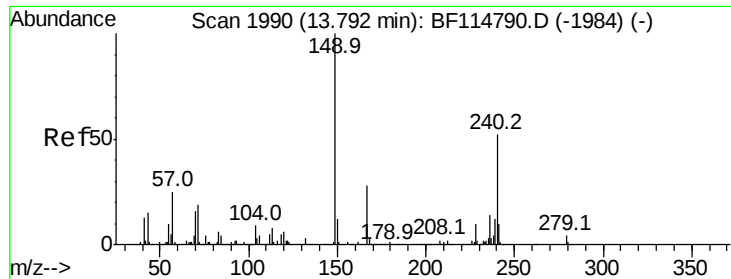
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 83.438 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2964320

Ion Ratio Lower Upper

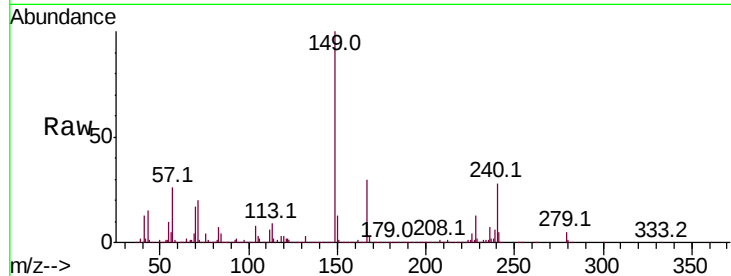
149 100

167 29.5 22.7 34.1

279 4.6 3.1 4.7

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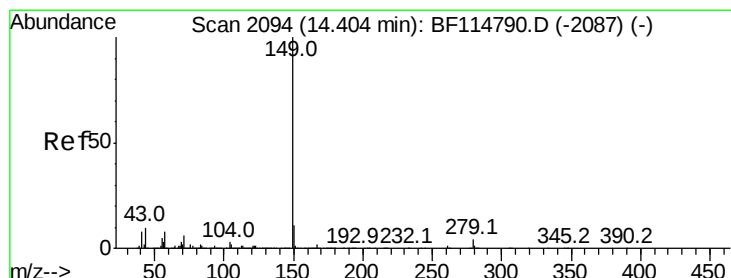
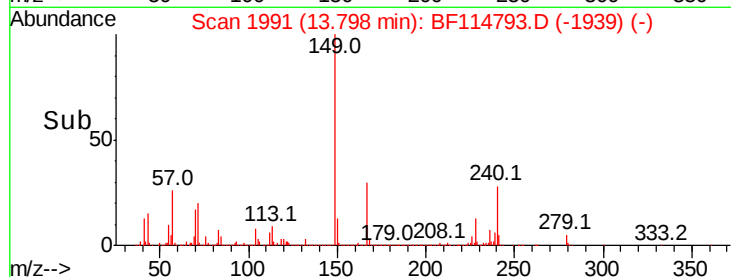
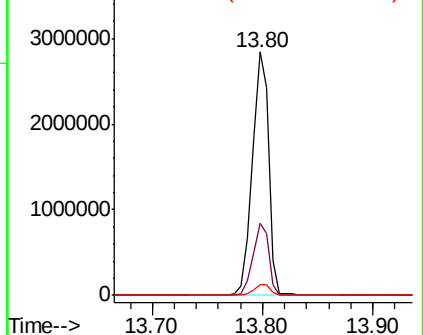
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 83.120 ng

RT: 14.42 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BF114793.D

Acq: 4 Jun 2019 15:33

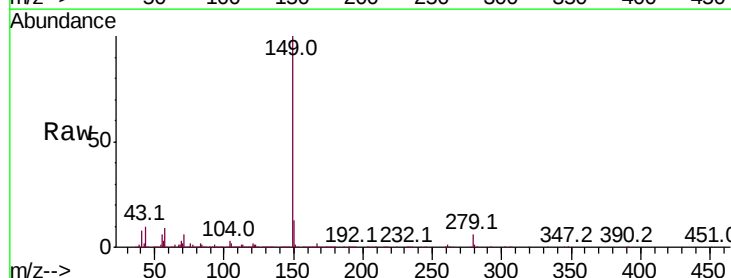
Tgt Ion:149 Resp: 5036593

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

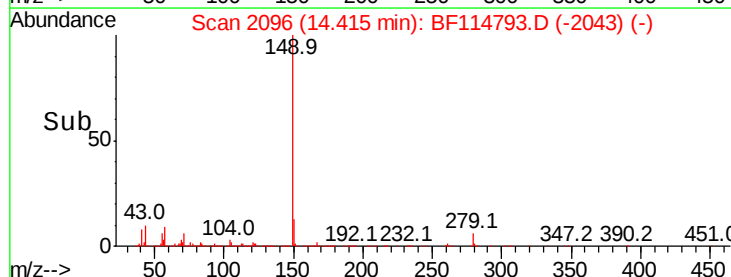
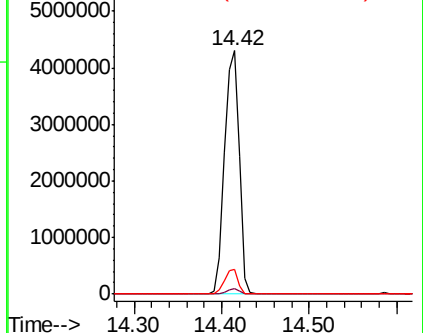
43 9.3 7.0 10.6

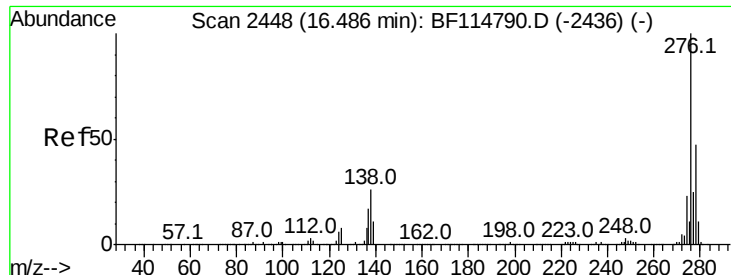


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





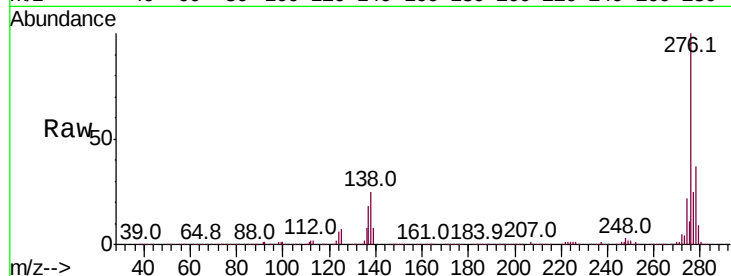
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 94.388 ng
 RT: 16.50 min Scan# 2451
 Delta R.T. 0.02 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

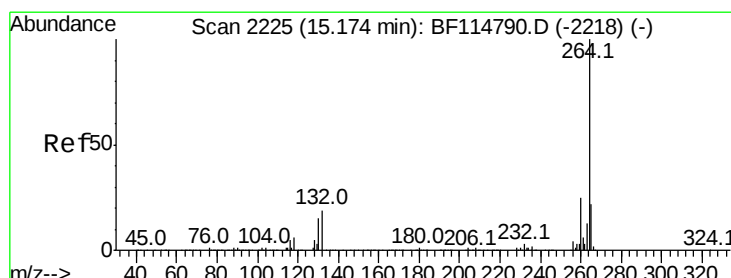
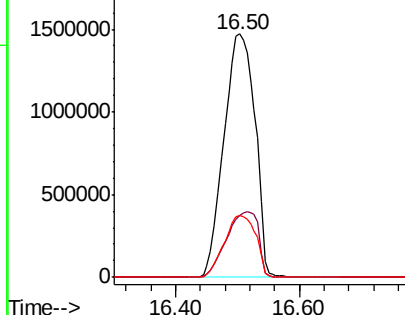
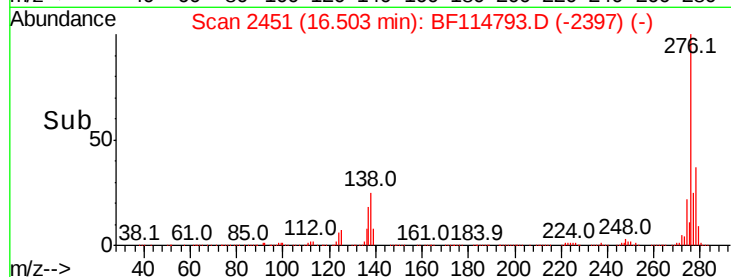
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.2	33.4
277	25.8	20.6	30.8

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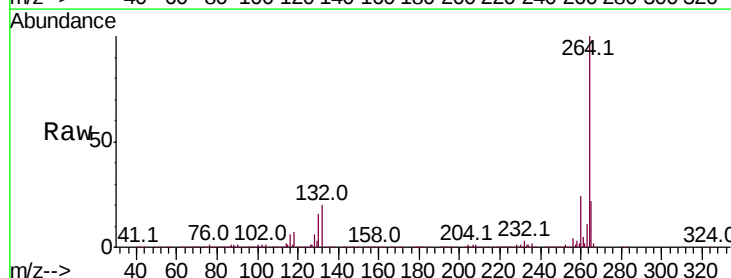


Abundance Ion 276.00 (275.70 to 276.70): E
 2000000
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

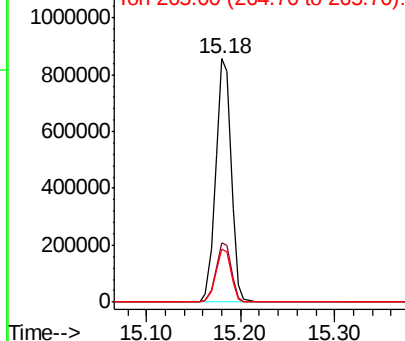
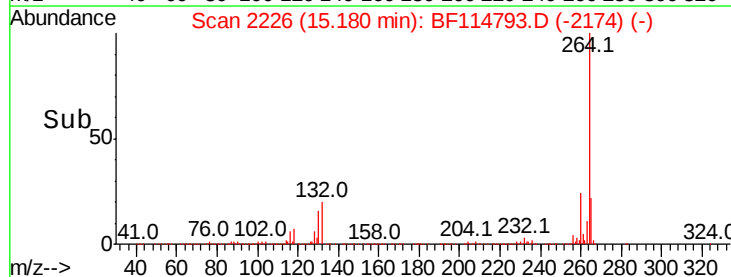


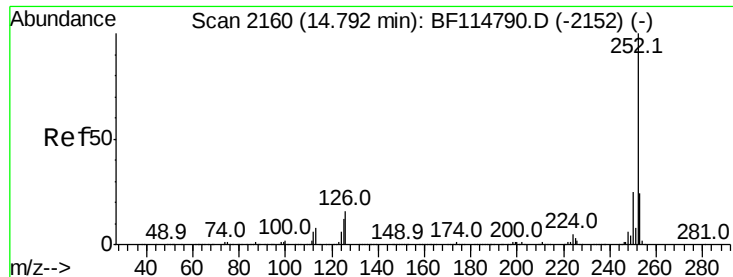
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	21.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 1000000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





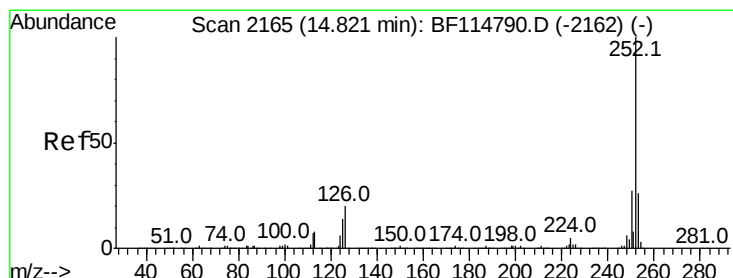
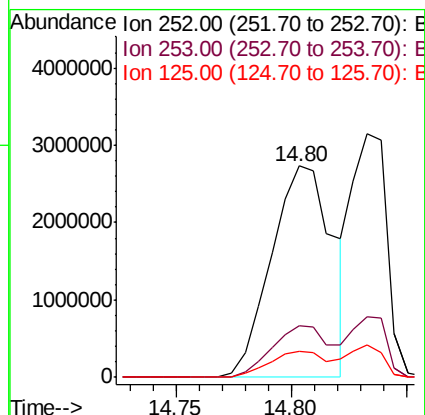
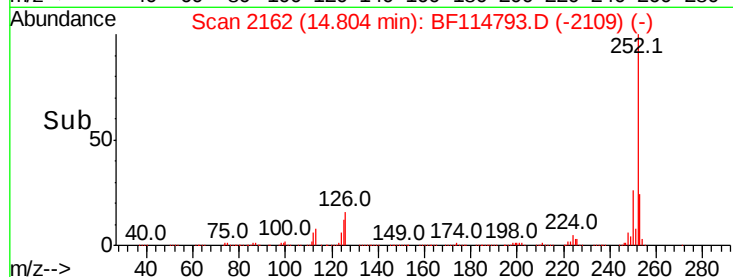
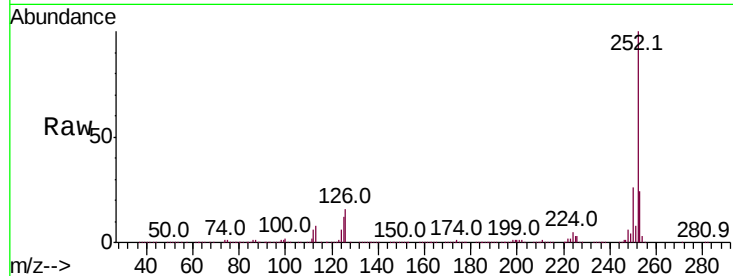
#88
Benzo(b)fluoranthene
Concen: 82.275 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.6
125	12.2	9.4	14.0

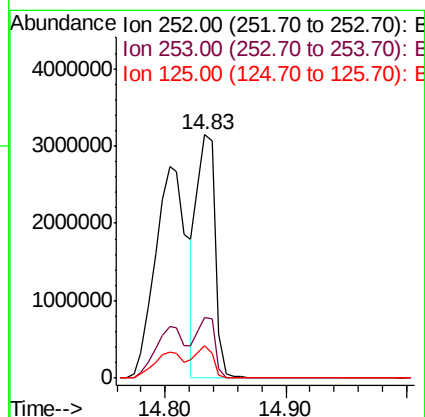
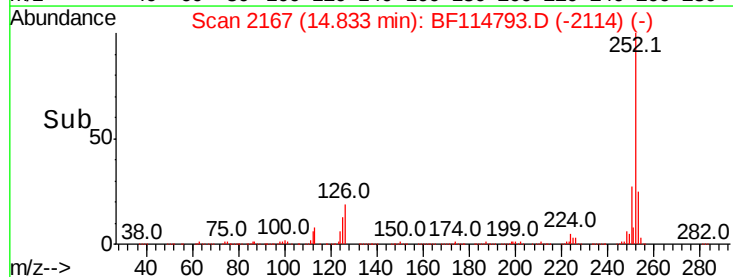
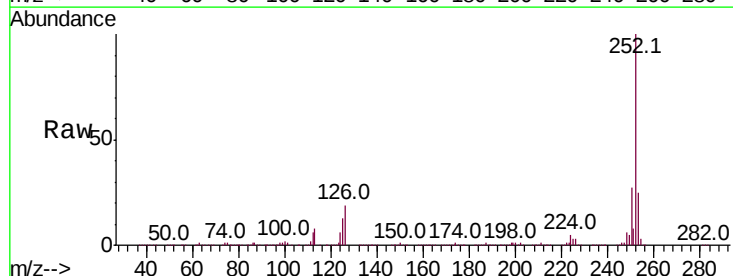
Manual Integrations
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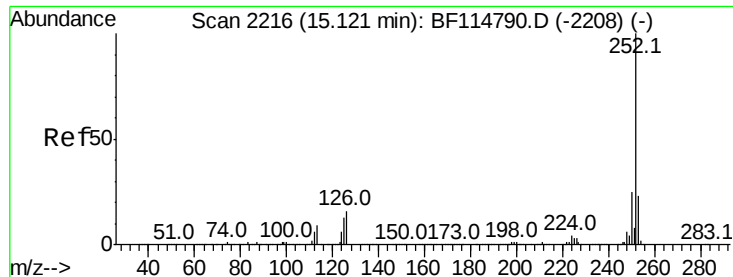
mohammad
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#89
Benzo(k)fluoranthene
Concen: 65.505 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.3	28.9
125	13.1	10.1	15.1





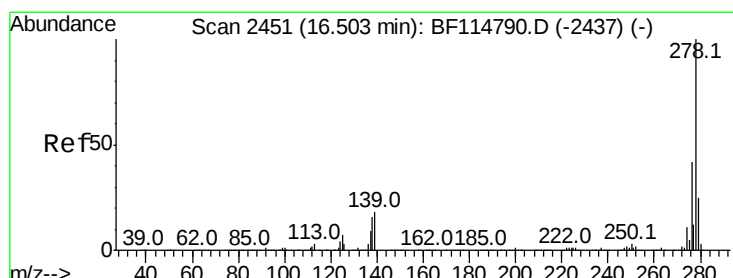
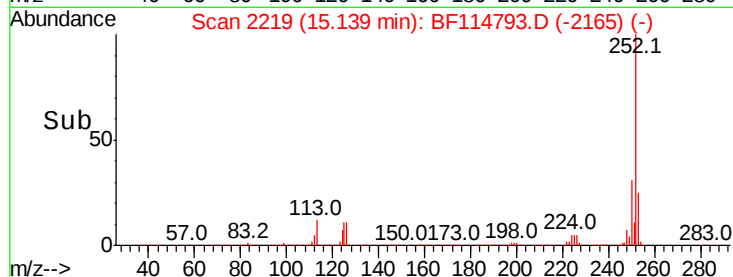
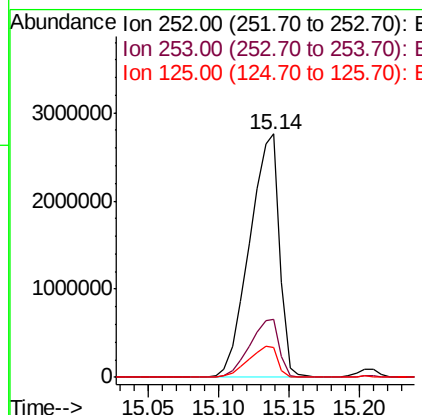
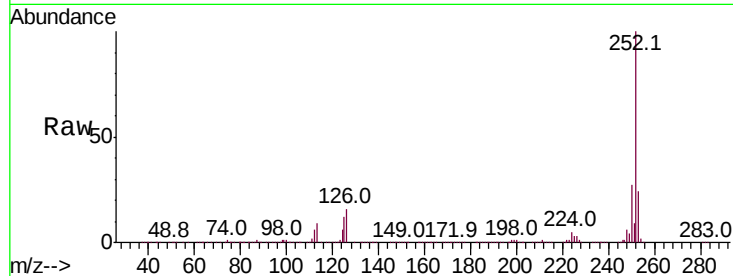
#90
Benzo(a)pyrene
Concen: 76.697 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	12.2	10.1	15.1

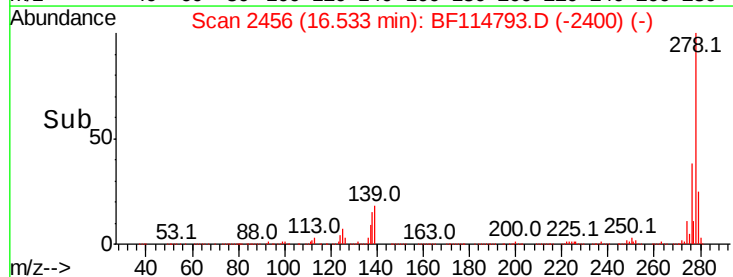
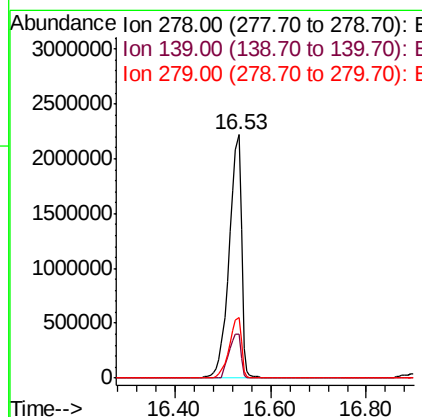
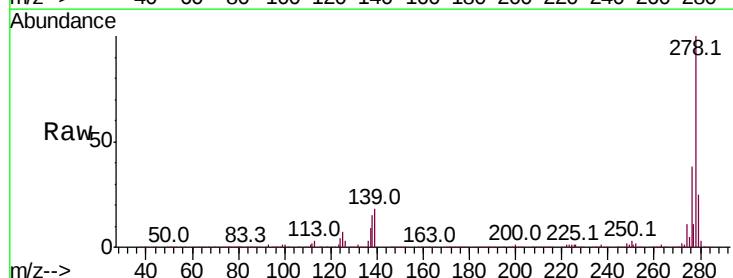
Manual Integrations
APPROVED

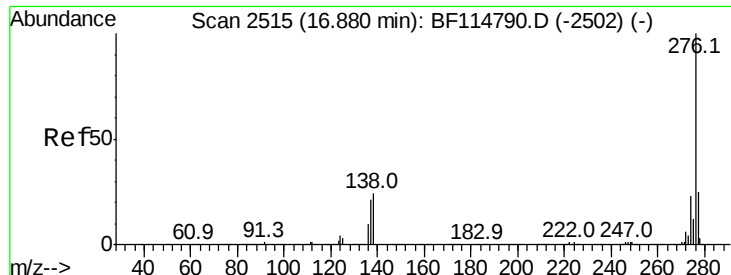
mohammad
6/5/2019 3:40:45 PM



#91
Dibenzo(a,h)anthracene
Concen: 79.291 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.03 min
Lab File: BF114793.D
Acq: 4 Jun 2019 15:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.6	22.0
279	25.0	20.1	30.1





#92
 Benzo(a,h,i)perylene
 Concen: 83.296 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. 0.03 min
 Lab File: BF114793.D
 Acq: 4 Jun 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.6
138	24.2	19.4	29.2

Manual Integrations
 APPROVED

mohammad
 6/5/2019 3:40:45 PM

